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The
University of New Mexico
Bulletin

Forty-sixth
Annual Catalog Issue
1936-1937

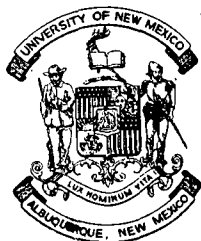


ANNOUNCEMENTS
1937-1938

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1937

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UNIVERSITY CALENDAR

SUMMER SESSIONS, 1937

CAMPUS SESSION

June	8 Tuesday	Registration, 9:00-12:00, 1:00-4:00
June	9 Wednesday	Instruction begins in all departments, 7:00 a. m.
July	5 Monday	Independence Day holiday
July	31 Saturday	Campus session ends

FIELD SESSIONS

July	31 Saturday	Registration for General Field Session, 9:00-12:00 a. m., Chaco Canyon, N. M.
July 31-Aug.	Saturday-Saturday	General Field Session, Chaco Canyon, N. M.
Aug.	21 Saturday	Registration for Engineering Field School, 9:00-12:00 a. m., Chaco Canyon, N. M.
Aug. 23-Sept.	Monday-Saturday	Engineering Field School, Lake El Vado, N. M.

FIRST SEMESTER, 1937-1938

Sept.	8 Wednesday	Residence halls open for freshmen, 1:00 p. m.
Sept.	9-13 Thursday-Monday	Freshman Week; Dining Hall opens for freshmen, September 9, 7:30 a. m.
Sept.	11 Saturday	Entrance examinations (for students deficient in entrance units)
Sept.	12 Sunday	Residence halls open for upperclassmen, 1:00 p. m.
Sept.	13 Monday	Registration for freshmen, 8:00-12:00; registration for sophomores, 1:00-4:30. Dining Hall opens for upperclassmen
Sept.	14 Tuesday	Registration for upperclassmen, 8:00-4:30
Sept.	15 Wednesday	Instruction for all students begins at 8:00 a. m.
Nov.	24 Wednesday	Thanksgiving recess begins at 12:00 noon
Nov.	29 Monday	Instruction resumed at 8:00 a. m.
Dec.	18 Saturday	Christmas recess begins at 12:00 noon
Jan.	3 Monday	Instruction resumed at 8:00 a. m.
Jan.	22-27 Saturday-Thursday	Semester final examinations
Jan.	28 Friday	Entrance examinations (for students deficient in entrance units). Semester ends at 5:00 p. m.

SECOND SEMESTER, 1937-1938

Jan.	29 Saturday	Tests and instructions for beginning freshmen, Lecture Hall, 9:00 a. m.
Jan.	31 Monday	Registration for freshmen, 8:30-12:00; registration for sophomores, 1:00-4:30

THE UNIVERSITY OF NEW MEXICO

Feb.	1 Tuesday	Registration for upperclassmen, 8:30-4:30
Feb.	2 Wednesday	Instruction begins at 8:00 a. m.
Feb.	27 Sunday	University Memorial Day
Apr.	13 Wednesday	Spring recess begins at 9:00 p. m.
Apr.	18 Monday	Instruction resumed at 8:00 a. m.
May	27 Friday	Semester final examinations begin
May	30 Monday	Memorial Day, holiday
June	3 Friday	Semester final examinations end
June	5 Sunday	Baccalaureate services
June	6 Monday	Commencement exercises

NOTE: Special exercises are held on November 11 and February 22, and additional time given respectively to Thanksgiving and spring recesses.

CAMPUS SUMMER SESSION, 1938

June	7 Tuesday	Registration, 9:00-12:00, 1:00-4:00
July	30 Saturday	Session ends

THE REGENTS
of
 THE UNIVERSITY OF NEW MEXICO

THE HONORABLE CLYDE TINGLEY, <i>Governor of</i> <i>New Mexico, ex-officio</i> -----	Santa Fe
H. R. RODGERS, <i>State Superintendent of Public</i> <i>Instruction of New Mexico, ex-officio</i> -----	Santa Fe
W. R. LOVELACE, <i>President</i> -----	Albuquerque
P. G. CORNISH, JR., <i>Vice-president</i> -----	Albuquerque
ADOLFO C. GONZALES, <i>Secretary and Treasurer</i>	Albuquerque
HUGH B. WOODWARD -----	Albuquerque
MRS. FLOYD W. LEE -----	San Mateo

ORGANIZATION AND ADMINISTRATION

The University is organized as follows:

The College of Arts and Sciences, The College of Engineering, The College of Education, The College of Fine Arts, The General College, The Graduate School, The Extension Division, The Summer Session, The Field Sessions.

OFFICERS OF ADMINISTRATION

JAMES FULTON ZIMMERMAN, Ph.D., President
GEORGE PETER HAMMOND, Ph.D., Dean, Graduate School, and Dean, Upper Division, College of Arts and Sciences
JAY C. KNODE, Ph.D., Dean, Lower Division, College of Arts and Sciences, and Dean, General College
MARSHALL ELMER FARRIS, M.S. in M.E., Dean, College of Engineering
SIMON PETER NANNINGA, Ph.D., Dean, College of Education, and Director, Summer Session
GEORGE ST. CLAIR, Ph.D., Dean, College of Fine Arts
LENA CECILE CLAUVE, M.A., Dean of Women
JABEZ LELAND BOSTWICK, M.A., Dean of Men
TOM L. POPEJOY, M.A., Executive Assistant
J. T. REID, M.A., Director, Extension Division
ALICE OLSON GREINER, B.A., Registrar
PATRICK MILLER, B.A., Bursar
WILMA LOY SHELTON, B.L.S., Librarian
GUYTON B. HAYS, B.S. in P.E., Faculty Manager of Athletics
ERNEST W. HALL, B.A., Director of Publicity, and Secretary, Alumni Association
FRED E. HARVEY, Acting Editor of Publications and Manager, University Press
EARL BOWDICH, Superintendent of Buildings and Grounds

ASSISTANTS TO OFFICERS OF ADMINISTRATION

MARY K. CONNELL, B.A. in Educ., Secretary to the President
ALICE SHIRLEY WILSON, Secretary to Registrar
KATHRYN BIGELOW, B.A., Recorder, Office of the Registrar
*VERA T. DARNALL, Clerk on Graduation, Office of the Registrar
†REBECCA F. JUDY, B.A., Clerk on Graduation, Office of the Registrar
MARGARET O'CONNELL, M.A., Chief Clerk, Office of the Registrar
ELIZABETH B. MORRISON, Mimeograph Operator, Part-time Clerk, Office of the Registrar
J. RAYMOND STUART, M.A., Accountant, Bursar's Office

*On leave of absence, first semester, 1936-1937

†First semester, 1936-1937.

CLAUDIA M. MARSHALL, B.S., Assistant Purchasing Agent, Bursar's Office
 CATHERINE HAGERMAN, Secretary to Executive Assistant and Bursar
 ELIZABETH ELDER, Clerk, Bursar's Office
 EVA M. ISRAEL, B.A. in Educ., Secretary to Dean, Graduate School and Upper Division of the College of Arts and Sciences
 ADAH SHELTON, Part-time Secretary to Dean, Lower Division, College of Arts and Sciences and the General College
 HARRIET HERKENHOFF ERICKSON, Secretary to the Deans, College of Engineering, and College of Fine Arts
 VENA GAULT, B.A., Secretary to Dean, College of Education
 EDITH SHALLENBERGER, Secretary to Dean of Men and Dean of Women
 SARAH ANN PILCHER, B.A., Secretary to Director of the Extension Division
 LOUISE SMITH, B.A. in Educ., Secretary to Faculty Manager of Athletics, and Financial Secretary to Associated Students
 ARTHUR DEAKINS, Stores Clerk

UNIVERSITY LIBRARY STAFF

WILMA LOY SHELTON, B.L.S., Librarian
 RUTH RUSSELL, Assistant Librarian
 ESTHER JUNE PIERCY, B.S. in L.S., Cataloger
 MILDRED BOTTS ALEXANDER, B.A., Loan Desk Assistant
 ELIZABETH MORRISON GREASON, Loan Desk Assistant

SAN JOSE TRAINING SCHOOL

LOYD S. TIREMAN, Ph.D., Director
 MARIE M. HUGHES, M.A., Principal
 VELMA WOODS, Ed.D., Research Assistant

LONGFELLOW SCHOOL

J. BUREN LINTHICUM, M.A., Principal

UNIVERSITY HEALTH SERVICE

JAMES R. SCOTT, Ph.D., Professor of Health
 W. A. GEKLER, M.D., University Physician and Professor of Health

STAFF OF STATE HEALTH LABORATORY

J. ROSSLYN EARP, Dr. P.H., State Director, and Bureau of Public Health, Consultant
 MYRTLE GREENFIELD, M.A., Chief, Division of Laboratory

THELMA DE CAPITO, M.S., Bacteriologist
ELEANOR TAYLOR, B.S., Assistant Bacteriologist
HORACE GARDNER, B.A., Assistant
HOWARD KIRK, B.A., Assistant
HARRIET DAVIDSON, B.A., Assistant

DINING AND RESIDENTIAL HALLS

MRS. ELIZABETH P. SIMPSON, M.S., Supervisor of Dining Hall
MRS. ALICE M. DAVIDSON, Chaperon, women's residential hall
LAWRENCE B. KIDDLE, Ph.D., Proctor, men's residential hall
J. RAYMOND STUART, M.A., Proctor, men's residential hall

THE FACULTY OF THE UNIVERSITY

- JAMES FULTON ZIMMERMAN, B.A., M.A., Vanderbilt University; Ph.D., Columbia University. President of the University and Professor of Government and Citizenship
- HUBERT GRIGGS ALEXANDER, B.A., Pomona College; Ph.D., Yale University. Instructor in Philosophy
- FRED W. ALLEN, B.A., M.A., Ph.D., University of Kansas. Associate Professor of Biology
- NINA M. ANCONA, B.A., University of New Mexico. Part-time Instructor in Pipe Organ, Piano, and Theory
- CHARLES BARKER, B.S., M.A., University of New Mexico. Part-time Instructor in Mathematics
- CHARLES ANTHONY BARNHART, B.A., M.A., University of Illinois. Professor of Mathematics
- WILLIS H. BELL, B.S., Grove City College; M.S., Ph.D., University of Chicago. Associate Professor of Biology
- HENRY GARTH BLAKELY, B.S., M.S., University of New Mexico. Instructor in Biology
- LANSING B. BLOOM, B.A., M.A., Williams College. Associate Professor of History, and Editor of the *New Mexico Historical Review*
- JABEZ LELAND BOSTWICK, B.S., Webster College; M.A., Columbia University. Dean of Men and Associate Professor of Geology
- DONALD DILWORTH BRAND, B.A., Ph.D., University of California. Associate Professor of Anthro-po-geography and Head of the Department of Anthropology
- WILLIAM EMMETT BURK, JR., B.F.A., University of Southern California; Student in the Beaux-Arts Institute of Design. Part-time Instructor in Architecture and Acting Head of the Department
- ARTHUR LEON CAMPA, B.A., M.A., University of New Mexico. Associate Professor of Modern Languages
- EDWARD FRANKLIN CASTETTER, B.A., Lebanon Valley College; M.S., Pennsylvania State College; Ph.D., Iowa State College. Professor of Biology and Head of the Department
- KENNETH CHAPMAN, Chicago Art Institute; Art Students' League of New York. Part-time Instructor in Indian Art
- MARY CHESIRE, B.S. in P.E., State University of Iowa. Instructor in Physical Education for Women
- JOHN D. CLARK, B.S., M.S., New Hampshire College of Agriculture and Mechanic Arts; Ph.D., Stanford University. Professor of Chemistry and Head of the Department
- LENA CECILE CLAUVE, B.A., University of New Mexico; M.A., Teachers College, Columbia University. Dean of Women and Associate Professor of Music Education
- MARION DARGAN, B.A., Wofford College; M.A., Columbia University; Ph.D., University of Chicago. Professor of History
- *WILLIAM F. J. DEJONGH, B.A., M.A., University of Michigan; M.A., Harvard University. Assistant Professor of Modern Languages

*On leave of absence 1936-37.

- F. EDWARD DEL DOSSO, B.A., M.A., Colorado State College of Education. Instructor in Art
- JOHN WILLIAM DIEFENDORF, B.S. in Educ., Central Missouri State Teachers College; M.A., Ph.D., University of Missouri. Professor of Secondary Education and Head of the Department; High School Visitor
- THOMAS C. DONNELLY, B.A., Marshall College; M.A., Ph.D., New York University. Associate Professor of Government and Citizenship
- JOHN HAZARD DORROH, B.E., C.E., Vanderbilt University. Professor of Civil Engineering and Head of the Department
- RALPH W. DOUGLASS, B.A., Monmouth College. Instructor in Art and Acting Head of the Department
- MARGARET ELOISE BARCLAY DUBOIS, B.S., Northwestern University. Instructor in English
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- *ROBERT WALPOLE ELLIS, B.S., University of South Dakota; M.A., University of Wisconsin. Professor of Geology
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- MARSHALL ELMER FARRIS, B.S. in M.E., Purdue University; M.S. in M.E., University of Texas. Dean of the College of Engineering, Professor of Mechanical Engineering and Head of the Department
- CECIL H. FEWELL, B.B.A., M.B.A., University of Texas. Instructor in Economics and Business Administration
- REGINALD G. FISHER, B.S. in G.E., M.A., University of New Mexico; Ph.D., University of Southern California. Assistant Professor of Archaeology, part-time
- ALBERT DUANE FORD, B.S., Montana State College. Superintendent of the Heating Plant and Instructor in Mechanical Engineering
- W. A. GEKLER, M.D., Indiana Medical College. University Physician and Professor of Health
- CHARLES LEROY GIBSON, B.S., University of New Mexico; M.A., University of Colorado. Instructor in Chemistry
- ERNEST W. HALL, B.A., University of New Mexico. Part-time Instructor in Journalism, Director of Publicity, and Secretary of the Alumni Association
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*Died March 10, 1937.

GUYTON B. HAYS, B.S. in P.E., University of New Mexico. Freshman Coach, Faculty Manager of Athletics, and Instructor in Physical Education

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HAROLD DANIEL LARSEN, B.A., M.A., University of Michigan; Ph.D., University of Wisconsin. Instructor in Mathematics

*Not in active teaching 1936-37.

- *WALTER B. MCFARLAND, B.A., University of Kansas; M.B.A., Stanford University. Instructor in Economics and Business Administration
- PATRICK MILLER, B.A., University of New Mexico. Bursar and Part-time Instructor in Economics and Business Administration
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- MARIA-ELISE JOHNSON RODEY, Student in Cincinnati Conservatory of Music and in École Normale de Musique, Paris, France; Pupil

*On leave of absence 1936-37.

†Second semester, 1936-37.

‡On leave of absence, second semester, 1936-37.

- of Oride Musin and Leopold Auer, New York City, and of Guillaume Remy, Paris, France. Part-time Instructor in Violin
- CHESTER RUSSELL, JR., B.S. in E.E., M.A., University of New Mexico. Assistant Professor of Electrical Engineering and Acting Head of the Department
- BENJAMIN SACKS, B.A., University of New Mexico; M.A., McGill University; Ph.D., Stanford University. Assistant Professor of History
- JAMES R. SCOTT, B.A., University of California; M.D., Cooper Medical College of Stanford University; Ph.D., George Washington University. Professor of Health and Head of the Department
- MELA SEDILLO-BREWSTER, B.A., M.A., University of New Mexico. Instructor in Art and Physical Education
- JOHN EDWARD SEYFRIED, B.S., M.A., University of New Mexico; Ph.D., University of California. Professor of Education
- WILMA LOY SHELTON, B.A., B.L.S., University of Illinois. Librarian, Professor of Library Science and Head of the Department
- ELIZABETH P. SIMPSON, B.S., University of New Mexico; M.S., Iowa State College. Professor of Home Economics and Head of the Department, Supervisor of the Dining Hall
- EDWIN FROST SMELLIE, B.S.E., M.S.E., University of Michigan. Assistant Professor of Mechanical Engineering
- DANE FARNSWORTH SMITH, B.A., Vanderbilt University; M.A., Ph.D., Harvard University. Assistant Professor of English.
- *EDWIN SNAPP, B.A., M.A., University of New Mexico. Instructor in English
- VERNON G. SORRELL, B.A., State University of Iowa; M.A., University of Illinois; Ph.D., University of California. Professor of Economics and Business Administration and Head of the Department; Editor of the *New Mexico Business Review*.
- GEORGE ST. CLAIR, B.A., M.A., Whitman College; Ph.D., University of California. Dean of the College of Fine Arts, Professor of English and Head of the Department, Acting Head of the Department of Dramatic Art
- W. LOU TANDY, B.A., Wayne University; M.A., University of Michigan; Ph.D., University of Illinois. Assistant Professor of Economics and Business Administration
- GRACE THOMPSON, B.Mus., Defiance College. Associate Professor of Music and Head of the Department
- LOYD S. TIREMAN, B.A., Upper Iowa University; M.A., Ph.D., State University of Iowa. Professor of Elementary Education and Head of the Department, Director of the San Jose Training School
- JEAN GRANT WADE, B.S., Iowa State College; M.A., University of California. Instructor in Home Economics
- WILLIAM C. WAGNER, B.S. in C.E., C.E., South Dakota School of Mines. Assistant Professor of Civil Engineering
- PAUL WALTER, JR., B.A., Stanford University; M.A., University of New Mexico. Associate Professor of Sociology and Head of the Department

*On leave of absence 1936-37.

ARTHUR S. WHITE, Ph.B., Grove City College; LL.B., M.A., J.D., University of Michigan. Professor of Government and Citizenship and Head of the Department

DOROTHY WOODWARD, B.A., Randolph-Macon Woman's College; M.A., University of Colorado; Ph.D., Yale University. Instructor in History

EVERLY JOHN WORKMAN, B.S., Whitman College; Ph.D., University of Virginia. Associate Professor of Physics and Head of the Department

DUDLEY WYNN, B.A., University of Texas; M.A., New York University. Assistant Professor of English

VISITING INSTRUCTORS

ERNEST V. ANTEVS, Ph.D., University of Stockholm, Sweden. Lecturer for the 1936 General Field Session at Chaco Canyon
Carnegie Institution of Washington

MARGARET BIGELOW, Butler University, Indiana University, and the University of New Mexico. Demonstration Teacher in the 1936 Summer Session
San Jose Training School

PEARL CAMPBELL, Colorado State College of Education and Columbia University. Demonstration Teacher in the 1936 Summer Session
San Jose Training School

VERA WOOD CORNELIUS, Colorado State Teachers College and the University of New Mexico. Demonstration Teacher in the 1936 Summer Session
San Jose Training School

NEWELL DIXON, B.A., University of New Mexico. Instructor in Education in the 1936 Summer Session
San Jose Training School

MARIE HUGHES, B.A., M.A., University of Chicago. Instructor in Education in the 1936 Summer Session
San Jose Training School

PEARL LUDY, B.S., Iowa State College; M.A., Columbia University. Instructor in Home Economics in the 1936 Summer Session
Albion College

FRANK MCLEAN, B.S., M.S., Ph.D., University of Virginia. Instructor in English in the 1936 Summer Session
University of Virginia

DONALD MACKAY, A.B., A.M., Colorado State College of Education. Instructor in Education in the 1936 Summer Session
Eastern New Mexico Junior College

JOHN MILNE, B.S. in Educ., University of New Mexico; M.A., Teachers College, Columbia University. Instructor in Education in the 1936 Summer Session

Superintendent of City Schools, Albuquerque, New Mexico

LESLIE SPIER, B.S., College of the City of New York; Ph.D., Columbia University. Lecturer for the 1936 General Field Session at Chaco Canyon
Yale University

- ACAPITO REY, B.S., M.A., University of Michigan; Ph.D., University of Wisconsin. Instructor in Spanish in the 1936 Summer Session Indiana University
- JULIO C. TELLO, M.D., Ph.D., University of San Marcos, Peru; M.A., Harvard University. Lecturer for the 1936 General Field Session at Chaco Canyon University of San Marcos
- J. E. THOMPSON, Lecturer for the 1936 General Field Session at Chaco Carnegie Institute
- FRANCES WILSON, Colorado State College of Education and Columbia University. Demonstration Teacher in the 1936 Summer Session San Jose Training School

CRITIC ARTISTS

School of Painting at Taos

- KENNETH ADAMS, Chicago Art Institute; Art Students' League of New York; Ransom Academy, Paris
- OSCAR E. BERNINGHAUS, St. Louis School of Fine Arts
- ERNEST L. BLUMENSCHNEIN, Art Students' League of New York; Julian Academy, Paris
- ANDREW DASBURG, Art Students' League of New York
- W. VICTOR HIGGINS, Art Institute and Academy of Fine Arts, Chicago; Academie de la Grande Chaumière, Paris; pupil of Professor Hans van Hyeck, Munich
- JOSEPH A. IMHOF, Academy at Munich; Gewerbe Schule at Munich; studied in New York, Paris, Antwerp, and Amsterdam
- WARD LOCKWOOD, Ransom Academy in Paris
- GISELLA LACKER LOEFFLER, Washington University; St. Louis School of Fine Arts; extension work, Pennsylvania Academy of Fine Arts
- BERT G. PHILLIPS, National Academy of Design; Art Students' League of New York; Julian Academy, Paris
- JOSEPH HENRY SHARP, Studied in Antwerp under Charles Veriat; Munich Academy under Carl Marr; with Jean-Paul Laurens and Benjamin Constant, Paris; and with Duveneck in Italy and Spain
- *WALTER UFER, Royal Applied Art Schools and Royal Academy, Dresden; Art Institute, Chicago; pupil of Walter Thor, Munich

EXTENSION DIVISION

Non-Resident Instructors

- IRVING P. MURPHY, B.A., Montezuma College; M.A., University of New Mexico. Instructor in Education
- J. D. PIPKIN, B.A., Montezuma College; M.A., University of Colorado. Instructor in History

*Died, August 2, 1936.

ASSISTANTS

- FRED D. BEHRINGER, B.A., M.A., University of Oklahoma. Assistant in the Department of Government and Citizenship
- VAN D. CLARK, B.A. in Educ., University of New Mexico. Assistant in English, Extension Division
- JOHN DOLZADELLI, B.S. in P.E., University of New Mexico. Assistant in Physical Education
- JESSE L. FINLEY, Sergeant, U. S. Army. Assistant in Physical Education, Equitation
- FRANK C. HIBBEN, B.A., Princeton University; M.S., University of New Mexico. Assistant in Anthropology and Curator of the Museum
- SARA FINNEY LETTON, B.S. in P.E., University of New Mexico. Assistant in Physical Education for Women and Assistant to the Dean of Women
- SOILA SANCHEZ, B.S. in P.E., University of New Mexico. Assistant in Physical Education for Women
- ARTHUR STANTON, University of New Mexico. Assistant in Physical Education, Fencing

GRADUATE FELLOWS

- LOIS MARIE BECKETT, B.A., Texas Technological College. Modern Languages
- WESLEY BLISS, B.A., Colorado State Teachers College; M.S., University of New Mexico. Anthropology
- HERBERT BRAYER, B.A., University of Southern California. History
- CLYDE M. DENTON, B.A. in Educ., University of New Mexico. Modern Languages
- LA CHARLES FRACAROL, B.A. in Educ., University of New Mexico. Psychology
- WESLEY FREEBURG, B.A., New Mexico Normal University. 1936 Summer Session
- JAY GENTRY, B.A., University of New Mexico. History
- ALVIN R. GROVE, B.S., Lebanon Valley College. Biology
- RICHARD E. HORRALL, B.S., University of Illinois. Biology
- WILLIS JACOBS, B.A., University of New Mexico. English
- BARBARA JAMISON, B.A., University of New Mexico. Geology
- LINCOLN KOCH, B.A., University of New Mexico. Physics
- VIRGINIA LANGHAM, B.A. in Educ., University of New Mexico. English
- ROBERT EWING MARSHALL, M.A., George Peabody College for Teachers. 1936 Summer Session
- F. ERIC MING, B.A., M.A., New Mexico Normal University. 1936 Summer Session
- CARL NELSON, B.A. in Educ., University of New Mexico. English
- DONOVAN SENTER, B.A., M.A., University of New Mexico. Anthropology

BURTON T. WILLIAMS, B.S., Oklahoma Agricultural and Mechanical
College. Education

STUDENT ASSISTANTS

PATRICIA ARGABRIGHT, Library
HELEN BAIRD, Library
HAZEL BERRY, Hokona, women's residential hall
*EUPHA BUCK, Hokona, women's residential hall
PEARL BUTLER, English
CIRENIA CONTRERAS, Modern Languages
LAURA JEAN DAVIDSON, Government and Citizenship, part-time
ELSIE DUVAL, Library
MARTIN FLECK, Biology
BETTY FUGATT, Library
MAE GILBERT, Library
ERNEST HANNAH, Library
HULDA HOBBS, M.S., University of Washington, Anthropology
MAXINE MCCARTNEY, Physical Education for Women
†JULIETTE McDONALD, Hokona, women's residential hall
KATHERINE MILNER, Mathematics
ALICE MONTOYA, Library
HAZEL H. PETTY, Library
LYLE SAUNDERS, Philosophy
JAMES N. SPUHLER, Library
FRANCES WATSON, English

*First semester, 1936-37.

†Second semester, 1936-37.

GENERAL INFORMATION

History

The University of New Mexico, located in Albuquerque, was created in 1889 by an act of territorial legislation. The new institution was opened in rented rooms as a summer normal school on June 15, 1892, and began regular instruction on September 21, in the first building erected on the campus. The first nominal president was The Honorable E. S. Stover, who served five years. During his term, Principal George S. Ramsey was in direct charge of the institution for two years. Professor Hiram Hadley, vice-president, was in charge from 1894 to 1897. During his administration, the College of Arts and Sciences was incorporated. In the summer of 1897, the Regents of the University elected Dr. C. L. Herrick, of Denison University, as the first active president.

Dr. William G. Tight, also of Denison University, succeeded President Herrick. Under President Tight's administration the University adopted its unique architectural style, and incorporated the Engineering School.

Upon the resignation of President Tight in 1909, Dr. E. D. McQueen Gray served as president until 1912. He was followed by Dr. David Ross Boyd. In 1919, the Regents chose as president Dr. David Spence Hill, who served until September 1, 1927. During his administration, the Graduate School was established, and the University became a member of the North Central Association of Colleges and Secondary Schools. Dr. James Fulton Zimmerman was elected president and assumed his duties on September 1, 1927.

The physical and numerical growth of the University has been very rapid since that date. In 1928, the College of Education was incorporated; in 1935, the General College; and in 1936, the College of Fine Arts. The academic standing of the University has been attested by the approval of the Association of American Universities.

Situation

The University is situated in Albuquerque, a modern city of about 45,000 inhabitants. The altitude is about 5,000 feet above sea level. The climate is mild throughout the year, and the air is dry, cool, and exhilarating.

Historic Santa Fe is approximately sixty miles north of Albuquerque. The picturesque Indian pueblos of Taos, Jemez, Isleta, and Acoma are nearby.

Government

The government of the University is vested in the Regents. Five regents are appointed by the Governor of the state for a term of

four years; the Governor and the Superintendent of Public Instruction are ex-officio members of the board.

Aim

The aim of the University of New Mexico is to place the resources of higher education of the state, so far as possible and with the least possible restriction, at the disposal of any person who desires, and has sufficient qualifications, to use them. In the performance of its function, the University is endeavoring to attract young men and women of ability and character and to train them for leadership.

Support

The University is supported chiefly by appropriations made for its maintenance by the State Legislature, by income from the proceeds of the rental of lands granted to it by the Federal Government when New Mexico became a state, by the income from royalties on the oil taken from these lands, and by student fees.

Campus and Buildings

The campus of the University is near the eastern end of the city of Albuquerque, and within nine miles of the Sandia mountains. It has been beautified by trees, lawns, and shrubs, and contrasts pleasantly with the nearby mesa.

The University's architectural style, a modification of the Indian pueblo, was adopted in 1905. The campus buildings include: Hodgkin Hall, housing the College of Education; the old Power House; residential halls (Hokona for women, Kwataka and the New Dormitory for men); Rodey Hall, the campus theatre; Science Hall; Chemistry Building; Hadley Hall, the engineering building; Sara Raynolds Hall, the home economics building; Press Building; Library; Biology Building; Lecture Hall; Carlisle Gymnasium; President's Residence; Dining Hall; Stadium Building; Administration Building; State Public Health Laboratory; Student Union Building; and the Central Heating Plant.

The Library

Accessions.—The library, established in 1892, contains approximately 56,885 volumes.

The library is a designated depository of government documents; and these publications, together with those received from colleges, universities, and various learned societies, constitute a valuable reference collection. The library regularly receives 541 periodicals, of which 338 are purchased and 203 are received as gifts. Of the periodicals purchased, 238 are specialized, 36 are in some foreign language, and 64 are of general interest. Through the courtesy of New Mexico

editors, a number of the newspapers of the state are received and kept on file.

Loans and Extension Service.—The library is primarily for the use of the faculty and students of the University, but residents of the state are urged to consult it freely. Books and pamphlets are lent upon request; and, where it is impossible to lend material, reference lists or suggestions as to the sources of information are gladly given.

Carnegie Grant.—The Carnegie Corporation, in 1930, gave to the University a grant of \$5,000 a year, for a period of five years, for the purchase of books. This fund has enabled the library to add 8,793 volumes to its collection.

Special Collections.—In 1930, the library received as a loan 1,323 books on religion and history from the library of the late Senator Catron. An additional collection of about 5,000 volumes, including standard works of reference and books in practically every field of knowledge, was also lent by the Catron family.

Library Hours.—During the fall and spring semesters, the library is open every day except Sunday, from 7:45 a. m. to 10:00 p. m., and on Sundays from 2:00 to 5:00 p. m. During the Summer Session, the hours are from 6:45 a. m. to 10:00 p. m., every day except Sunday; Sundays, from 2:00 to 5:00 p. m.

New Library Building.—A government loan and grant from the Public Works Administration has made it possible for the University to erect a new library, which is under construction. The building will provide for three reading rooms, for seminars, and for cubicles for research workers, together with a Coronado Library in which will be housed all publications pertaining to the Southwest. It will have an estimated seating capacity of 750 and will house approximately 275,000 volumes.

Laboratories

The Colleges of Engineering and Education and the Departments of Anthropology, Biology, Chemistry, Geology, Home Economics, Physics, and Psychology maintain modern, well-equipped laboratories.

Museums

Anthropology.—A museum hall, in connection with the Department of Anthropology, houses varied material of anthropologic interest. The ceramic collection is especially strong, with the several Southwestern ceramic areas, Mexico, and Peru, being well represented. Southwestern and Peruvian textiles, stonework from the Southwest and the Great Plains, and bone and wood artifacts from the Southwest are also on exhibit. Novel features are dendrochronologic and ceramic-type charts.

Geology.—The Museum of Geology has a double purpose: it is designed to serve the general public and to supplement the instructional program. Exhibits comprising systematic series of minerals and ores, and of fossil plants and animals, are now in courses of preparation for museum display. Fundamentally, the museum will be one of ideas, rather than an exhibition of specimens for their own sakes.

ADMISSION TO THE UNIVERSITY

Credentials

All communications regarding admission of students should be addressed to the Registrar. Application blanks may be secured from the Registrar's office upon request.

The University does not undertake to assemble the credentials of applicants. Applicants will be expected to request the registrars of institutions previously attended to forward official transcripts of records direct to the Office of the Registrar. A complete record of all previous high school or university work must be sent in whether or not evaluation of such credentials is desired. To be assured against delay in registration, students should file applications and complete credentials at least one month before the opening of the semester. To avoid possible disappointment, applicants should not appear for registration until after they have been assured in writing that they will be accepted as regular or special students.

Admission from Secondary Schools

Age.—Applicants for admission to the freshman class should be at least sixteen years of age.

Accredited High Schools.—Secondary schools in New Mexico accredited by the North Central Association of Colleges and Secondary Schools or by the State Department of Education, and secondary schools in other states accredited by regional associations, or by the universities of those states, are accredited by the University of New Mexico.

Admission by Certificate.—Graduates of accredited secondary schools may be admitted upon presentation of certificates showing the completion of 15 satisfactory and specified high school units* from a four-year high school, or 11 units from a three-year high school. The transcript of high school credits must be made out on the printed certificate of recommendation form which is furnished by the Registrar's office.

If the applicant is not a graduate, but is able to present a certificate showing that he has fulfilled the specified requirements for admission, and if he has the recommendation of his principal or superintendent, he may be admitted provisionally to regular status.

Admission by Examination.—Graduates of non-accredited or partially accredited high schools, or applicants whose high school preparation is incomplete, are expected to take examinations over that por-

*The term "unit" means the completion of a course of study consisting of recitation periods of at least forty minutes each, held five times a week during thirty-six weeks.

tion of their work which is unaccredited or incomplete. Entrance examinations are given at the University at the beginning of each semester. Applicants who desire to take examinations should notify the Registrar at least two weeks in advance.

Admission on Trial.—A student is admitted on trial if less than 10 of the 15 units from a four-year high school, or less than 8 units from a senior high school, are of a grade or quality of work above the lowest passing grade where grades are indicated by letters or symbols, or above 76 per cent where grades are indicated by numerals and the lowest passing grade is 70 per cent. Students admitted on trial are automatically limited to 14 hours of work (including physical education) as a maximum, and it is expected that such students will enter the General College.

Subjects Accepted for Admission.—For convenience, the subjects usually offered in secondary schools are classified in six groups. The groups, with the maximum and minimum number of units accepted in each subject, are listed as follows:

TABLE I
SUBJECTS ACCEPTED FOR ADMISSION

	Units Max.-Min.		Units Max.-Min.
Group A, English*	(4-3)	Trigonometry	$\frac{1}{2}$ - $\frac{1}{2}$
Group B, Foreign Language	(6-1)	Advanced Arithmetic	1- $\frac{1}{2}$
Latin	4-1	Group E, Natural Sciences	(4- $\frac{1}{2}$)
German	4-1	Biology	1-1
French	4-1	May include: Zoology	$\frac{1}{2}$ - $\frac{1}{2}$
Spanish	4-1	Botany	$\frac{1}{2}$ - $\frac{1}{2}$
Greek	4-1	Chemistry	1-1
Group C, Social Sciences	(4- $\frac{1}{2}$)	¶General Science	1-1
Ancient History	1- $\frac{1}{2}$	Geology	1-1
Medieval & Mod. Hist.	1- $\frac{1}{2}$	¶Phys. Geog. or Physiog.	1- $\frac{1}{2}$
English History	1- $\frac{1}{2}$	Physics	1-1
U. S. History	1- $\frac{1}{2}$	Physiology & Hygiene	1- $\frac{1}{2}$
†General History	1- $\frac{1}{2}$	Group F, Vocational &	
N. M. Hist. & Civics	$\frac{1}{2}$ - $\frac{1}{2}$	Misc.	(4- $\frac{1}{2}$)
Economics	$\frac{1}{2}$ - $\frac{1}{2}$	Agriculture	**- $\frac{1}{2}$
Sociology	$\frac{1}{2}$ - $\frac{1}{2}$	Art	**- $\frac{1}{2}$
Civics	1- $\frac{1}{2}$	Bible	**- $\frac{1}{2}$
‡American Problems	1- $\frac{1}{2}$	Commercial Subjects	**- $\frac{1}{2}$
Group D, Mathematics	(4-1)	Home Economics	**- $\frac{1}{2}$
§General Mathematics	1-1	Industrial Subjects	**- $\frac{1}{2}$
Algebra	2-1	Manual Training & Arts	**- $\frac{1}{2}$
Plane Geometry	1-1	Music	**- $\frac{1}{2}$
Solid Geometry	$\frac{1}{2}$ - $\frac{1}{2}$	Journalism	**- $\frac{1}{2}$

Note.—Other subjects completed in accredited high schools will be considered on their merits.

Laboratory sciences must be scheduled for seven periods each week unless the periods are sixty minutes in length. One unit credit for subjects not requiring out-

side preparation will be given only when such subjects are scheduled for double periods, when periods are less than sixty minutes in length.

*In the case of foreign students, their native languages and literature will be accepted in lieu of English, if equivalent in nature or amount, but they must have a working knowledge of English.

†Not accepted in addition to ancient, or medieval and modern, history.

‡Accepted only if work covers an advanced course in civics.

§Not accepted if credit is given for elementary algebra.

||When two units are offered in algebra, the second unit must consist of one-half unit of intermediate, and one-half unit of advanced algebra.

¶Not accepted as laboratory science.

**The maximum of four units in any one subject in this group will be allowed only after special consideration in each case.

Admission Requirements.—For regular admission to the various colleges, applicants must fulfill the requirements tabled below:

TABLE II
ADMISSION REQUIREMENTS BY COLLEGES
(From Four-Year High Schools)

Groups*	Arts and Sciences	Education	Engineering	General College	Fine Arts
A. English	3	3	3	3	3
B. Foreign Language†					
C. Social Science†					
D. Mathematics‡			2 or 3		
E. Natural Sciences‡					
†Required: 3 units in one group and 1 unit in another, or 2 units in each of 3	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6
Additional requirements in Groups A-E, inclusive	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4
Minimum total from Groups A-E, inclusive	11	11	11	11	11
Additional electives in Groups A-E, inclusive or					
F. Misc. and Voca. Group	4	4	4	4	4
Total units required for admission	15	15	15	15	15

*For subjects included in each group, see Table I.

Graduates of accredited senior high schools (grades 10, 11, and 12) will be admitted to the University on the basis of their records. No attention will be paid to the work done in the junior high school (including the ninth grade) except as this may include courses preparatory to those pursued in the senior high school. For example, if the second year of a language is carried in the senior high school, the pupil's transcript should show that the first year has been completed in the junior high school.

TABLE III
ADMISSION REQUIREMENTS BY COLLEGES
(From Senior High Schools)

Groups*	Arts and Sciences	Education	Engineering	General College	Fine Arts
A. English	2	2	2	2	2
B. Foreign Language	4	4	4†	4	4
C. Social Science					
D. Mathematics					
E. Natural Sciences	4	4	4†	4	4
Additional requirements in Groups A-E, incl.					
Minimum total from Groups A-E, inclusive	8	8	8	8	8
Additional electives from Groups A-E, incl., or	3	3	3	3	3
F. Misc. & Voca. Group					
Total units required for admission	11	11	11	11	11

*For subjects included in each group, see Table I.

†Two units must be in the same group.

‡One or two units must be in Mathematics.

Special Recommendations.—It should be kept in mind that students deficient in mathematics are generally handicapped in college work. Those who intend to specialize in science should have a thorough preparation in mathematics and sciences. Students will find it advantageous to have had three years' work in a foreign language. Many schools of law, and schools of medicine, require, or strongly urge, Latin.

Students intending to matriculate in the College of Engineering should include physics and all the mathematics possible in their offerings for admission.

Admission with Advanced Standing

All applications for advanced standing should be addressed to the Registrar. At least one month before the opening of the semester official transcripts should be sent to the Registrar from each institution the student has attended, together with statements of honorable dismissal or leave of absence, and catalogs for the years of attendance. If a transfer student's high school work has not been accepted by a fully accredited college or university, he must, in addition, file an official transcript of his high school work. Transcripts presented by students are subject to verification.

Students from fully accredited institutions ordinarily will be given full credit for work transferred, in so far as the courses taken are the same as, or equivalent to, courses offered in the college in which the student enrolls in this institution, if the work is of the average quality required for graduation from the University of New Mexico (see page 39). If any of the transferred work is below this quality, courses with low grades will be disallowed in sufficient quantity to bring the work up to the required standard. Only an approximate evaluation can be made prior to the student's registration, and all credit is tentative until the student has completed one semester of satisfactory work in residence.

Credits transferred from an accredited junior college will be accepted up to a maximum of 64 semester hours plus 4 semesters of physical education.

Credit earned by students transferring from unaccredited institutions is usually accepted on the same basis as by the state university of the state in which the institution is situated. Where it seems proper, examinations for the validation of credit may be required.

Students who are disqualified for re-registration in any other college or university may not be considered for admission to the University of New Mexico until the period of their disqualification has expired.

Students who have completed work in other colleges or universities are required to file transcripts of that work, and may not, under any circumstances, register solely on the basis of their high school records.

The Committee on Entrance and Credits will consider individual cases on the basis of their merits.

Admission of Adult Special Students

Persons over twenty-one years of age who cannot meet the regular entrance requirements may be admitted as adult special students, provided they secure the recommendation of the instructors whose work they desire to take and the approval of the dean of the college

concerned. Applicants coming direct from high school will not be permitted to enter as adult special students. By virtue of his classification, an adult special student is not eligible for any degree, but may become a candidate ultimately by completing the admission requirements.

Upon registration, a student entering as an adult special student must present official transcripts of any high school or college credit which he may have earned previously. He will not be permitted to continue his status as an adult special student longer than one year, except by special permission of the Committee on Entrance and Credits.

Admission of Auditors

Mature students may attend classes as auditors, without credit, upon the permission of the instructors concerned and of the dean of the college in which most of the audited courses lie. Auditors are required to pay regular fees. They must, upon registration, declare themselves as auditors and may not change to a credit basis after the first four weeks.

Admission of Unclassified Students

Students transferring from unaccredited or partially accredited institutions are unclassified until they have validated credit in accordance with the University regulations. Students who are on leave of absence from other institutions are also registered as unclassified. In such cases students should have complete transcripts of their previous work, and statements of honorable dismissal sent to the Registrar from the last institutions attended.

REGISTRATION

Time of Registration.—Students are required to register on the days set aside for registration, and may not be admitted to the University more than ten days after the opening of a semester, except with the permission of the dean of the college concerned.

Registration Procedure.—Details of the registration procedure are contained in a special notice issued by the Registrar, and distributed to students on the days of registration.

Freshman Week

At the opening of each fall term, a "Freshman Week" program is carried through. The purpose of Freshman Week is to make the new student feel at home from the beginning, to put him in touch with the proper advisers and counselors, and to familiarize him with university methods and routine. Besides preliminary tests and registration of freshmen, numerous recreational events will be carried on during this period.

Attendance Required.—Attendance of all freshmen is required for the full period, but freshmen with 10 hours credit are excused from all exercises except the tests.

Time.—The Freshman Week program for the year 1937-1938 will start Thursday morning, September 9, at 8:00 a. m., and continue through the succeeding Monday.

Headquarters.—All freshmen should report at Carlisle Gymnasium for instructions.

Tests for Freshmen.—All students admitted as freshmen are given intelligence and achievement tests, and medical examinations. These tests are designed only to reveal the students' aptitude for college work, and previous training in the subject matter.

Every student registered in freshman English is examined as to his ability to use clear, correct, idiomatic English. No student can pass this test or continue in English 1 a who shows serious weakness in spelling, punctuation, grammar, diction, or sentence structure. Students who do not pass the test are enrolled in English A.

Medical Examinations

A medical examination by the University physician is required of every new student upon registration. The University may, upon the advice of the University physician, refuse registration to, or cancel the registration of, any student who is physically unfit to carry on class work, or whose physical condition might be a menace to the health of

other students. The University reserves the right to examine a student at any time for the purpose of ascertaining health conditions.

Degree Courses

For specific requirements leading to degrees in the various curricula, students should refer to the courses of study outlined in the listings of the different colleges.

Changes in Registration

Enrollment in the Extension Division.—A resident student may enroll for correspondence and extension courses only when the addition of such courses does not cause the student's program to be in excess of the maximum load allowed.

Change in Program of Studies.—A student who desires to make a change in his program of studies should obtain from the Registrar a change of program card, which must be properly signed and returned to the Registrar's office.

Change in College.—A student who desires to change his registration from one college to another must petition the dean of his college. This petition must be approved by the deans of both colleges and must be filed with the Registrar.

Change in Major or Minor.—A student may change his major or minor by petitioning for that privilege. The petition must be filed in the Office of the Registrar.

EXPENSES

Tuition and Fees

All fees are due at the time of registration.

In addition to the matriculation fee of \$5, which is paid once by each student upon his first registration in the University, other fees are charged according to the number of semester hours in the student's course. Auditors pay the same fees as those who take work for credit.

Registration Fees, Undergraduate Students, per semester.—

	More than six hours	Three to six hours	Three hours or less
Tuition* -----	\$20.00	\$10.00	\$ 5.00
Health Fee -----	2.00		
Student Activities Fee -----	8.00		
Student Union Bond Fee ----	2.00	2.00	2.00
Breakage Deposit† -----	5.00	5.00	5.00
	<hr/> \$37.00	<hr/> \$17.00	<hr/> \$12.00
*If a non-resident, add tuition	30.00	15.00	5.00
	<hr/> \$67.00	<hr/> \$32.00	<hr/> \$17.00

Registration Fees, Graduate Students, per semester.—

Tuition* -----	\$20.00	\$10.00	\$ 5.00
Health Fee -----	2.00		
Graduate Publications Fee --	2.00	2.00	2.00
Student Union Bond Fee ----	2.00	2.00	2.00
Breakage Deposit† -----	5.00	5.00	5.00
	<hr/> \$31.00	<hr/> \$19.00	<hr/> \$14.00
*If a non-resident, add tuition	30.00	15.00	5.00
	<hr/> \$61.00	<hr/> \$34.00	<hr/> \$19.00

NOTE: Graduate students enrolled for thesis only pay a \$10.00 tuition fee, and breakage deposit.

Other Fees for Special Services.—

Change in program after specified date, except upon written demand of the instructor -----	\$ 1.00
Late registration fee -----	2.00
Examination to raise X to D -----	2.00
Examination for advanced standing, per credit hour -----	2.50

†Paid once yearly and refundable, less charges.

Transcript of credits (extra carbon copies 25c each) -----	1.00
Penalty for dishonored check -----	1.00
Diploma fee, bachelor's or master's degree -----	10.00
Binding master's thesis, per copy -----	1.50

Additional Fees.—

Individual music instruction, per lesson -----	\$ 1.25
Horseback riding, per semester -----	10.00
Fencing, per semester -----	3.00
Pipe organ rental, per practice hour -----	.25

Non-Resident Tuition Fees.—Non-resident fees shall be collected from all minors whose parents or legal guardians reside outside of New Mexico, this regardless of the class status of the student.

Resident fees shall be collected from all others registering, inasmuch as the Attorney General of New Mexico holds that the parents or legal guardians of a minor student are residents of this state, provided they are in the state at the time of the student's registration, and also provided that they are in the state with the evident intention of remaining.

Upon request of the University authorities, students must furnish proof of their residence in the state of New Mexico. If a person other than the parent is named as guardian, the student will be required to furnish evidence of court appointment.

Student Activities Fee and Student Union Bond Fee.—The assessment of these fees is a voluntary action of the student body, through its organization, the Associated Students of the University of New Mexico. At registration, the University collects these fees as an accommodation to the Associated Students. The student activities fee is distributed as follows: Athletic Association, \$3.90; Mirage (year book), \$1.80; Student Council, 85c; Debate Council, 25c; Lobo (campus newspaper), 70c; Dramatic Club, 25c; Student Union (reserve fund), 25c.

Withdrawals and Refunds.—All fees, except the matriculation fee, will be refunded to students voluntarily withdrawing from the University within fifteen days after registration dates. Students voluntarily withdrawing later than the fifteenth day, but before the end of the ninth week of the semester, will be entitled to a refund of one-half the tuition, and the guarantee deposit. Students withdrawing after the ninth week, and students withdrawing at any time under discipline or because of academic deficiencies, will be entitled to a refund of the guarantee deposit only.

Dining Hall and Residential Halls

Room Reservation.—After students have been notified by the Registrar that their applications for admission have been accepted, they

should make written application to the Personnel Office for room reservations in the residential halls. This application should be accompanied by a \$5 remittance, which is held as a deposit and refunded when the room is vacated. All students occupying rooms in residential halls are required to take their meals at the dining hall. Dormitory residents must furnish their own bedding, linens, and curtains.

Room Regulations—A list of approved rooming places for men is published each semester by the Personnel Office. Dormitory space is also available.

Undergraduate women whose homes are not in Albuquerque are required to live in the University residential halls or sorority houses. Exceptions to this regulation include: special adult students; regularly enrolled students who are over twenty-one years of age, and who are registered for 6 hours or less; women students who are working for board and room in approved homes.

Graduate women are requested to select one of the approved houses listed by the Dean of Women. Women students are not permitted to room in houses where men are rooming.

No woman student may change her place of residence without the consent of the Dean of Women. The University authorities reserve the right to determine where a student may reside.

Opening Dates.—Residential halls will be open for freshmen at 1 p. m., September 8, 1937. The dining hall will open for freshmen with the breakfast meal on September 9. Residential halls will be open for all other students at 1 p. m., September 12, 1937. The dining hall will be open for all other students with the breakfast meal on September 13.

Upon arrival at the University, students should call at the Bursar's Office and make any necessary arrangements for admission to the residential halls.

Rates.—It is required that room and board be paid in advance. The following rates are subject to change whenever necessary to defray operating costs of the dining hall and residential halls.

Board and room, per calendar month	\$30.00
Board only, per calendar month	25.00
Board only, per day, less than month90
Board and room, per day, less than month	1.15
Single meals	
Breakfast25
Luncheon35
Dinner40
Dinner (noon Sundays and holidays)60

Students not living in the dormitories, and other persons connected with the University, may procure meals at the dining hall at the above rates.

Guests.—With the consent of the proctors or chaperon, students may entertain guests overnight in the residential halls. If the guest stays more than three nights, the resident will be charged fifty (50) cents per night for the entire visit of the guest. When a guest is to have meals at the dining hall, the clerk should be notified and the guest's meals charged to the account of the resident.

Refunds.—No refund is made on room rent. Refunds for board are made only for absences of seven or more consecutive days. These absences must be excused in writing by the Dean of Men or the Dean of Women. In the event a refund is allowed, the student will be charged at the rate of ninety cents per day for the days present during the month. Reductions are made for school holidays of three or more days.

GENERAL ACADEMIC REGULATIONS

Class Hours and Credit Hours

A class hour consists of fifty-three minutes, and one class hour a week recitation or lecture throughout a semester earns a maximum of one credit hour. One class hour of laboratory work, orchestra, chorus, or physical training a week throughout a semester earns from one-third to one-half credit hour. One lesson in voice, or piano, a week throughout a semester earns two credit hours.

Grades

The grades reported in all courses are intended to be an indication of the quantity and quality of work done. The significance of grades is explained as follows: A, excellent; B, good; C, average; D, barely passing; X, conditioned; I, incomplete; F, failed; WP, withdrawn passing; WF, withdrawn failing.

I (incomplete) signifies that a student has been unable to complete all of the work of a course, but has made a satisfactory record in the work actually done. If an I is not removed after two semesters of residence, it automatically becomes an F.

X (conditioned) signifies that a student's work is poor, but not decisively passing or failing. No grade higher than a D may be given for the removal of an X. An X not removed after two semesters in residence automatically becomes an F.

WP (withdrawn passing) is given if a student withdraws from a course while passing. Grades of WP are recorded on the student's permanent record if he withdraws after January 1 or May 1. A student who withdraws from the University before these dates is dropped without grades being recorded.

WF (withdrawn failing) is given in those courses (1) which the student drops while failing, (2) from which he is dropped for disciplinary reasons, and (3) in which he is failing if he withdraws from the University after January 1 or May 1. In the first two cases the WF must be indicated on the change of program card. A WF is always recorded on the permanent record.

Change in Grade.—No passing grade can be raised by a special examination. A grade of X or I can be changed to a passing grade during the student's next two semesters of residence in the University, in a manner to be determined in each case by the instructor concerned, with the approval of the dean of the college.

Any other change in grade, after the grade is on record in the Office of the Registrar, may be made only after reasons for such change

have been submitted in writing by the instructor concerned, and approved by the Committee on Entrance and Credits.

Grades in Physical Education.—All grades in required courses in physical education are given in terms only of P (passing—no grade-points) and F (failing).

Grade-Points.—Grade-points are assigned for work of C grade or better, and are used in various ways in determining a student's standing. For each semester hour, the grade of A is assigned 3 points; B, 2 points; C, 1 point; and all other grades, 0 points.

Scholarship-Index.—A student's academic standing is stated in terms of a scholarship-index obtained by dividing his total number of grade-points by the total number of hours taken. All honors and prizes depending upon scholarship are determined by ranking the students according to this index.

Grade Reports

Part-Semester and Semester Reports.—At the end of the fourth week of the semester, grade reports are turned in to the Office of the Registrar for all courses numbered below 101. At the end of the ninth week and the semester, reports are turned in for all courses offered in the University.

Grades to Parents.—Copies of the grades of all freshmen and sophomores are mailed to the respective parents or guardians.

Transcripts.—Each time a student completes work in the University, he is entitled to one complete transcript of record without charge; for each additional original copy a charge of \$1 is made; and for each carbon copy, 25 cents. The application for the transcript must be made on the regular form supplied by the Registrar.

Withdrawal from the University

Withdrawal.—A student who wishes to withdraw from the University during the semester should secure a withdrawal card from the dean of his college. A student who withdraws without permission subjects himself to failing grades in his classes, even though he is passing in his courses up to the time of withdrawal.

Honorable Dismissal.—Whether he completes a semester, or withdraws with permission before the end of a semester, a student is entitled to honorable dismissal, provided that he is in good standing with the University as regards scholarship, conduct, and financial obligations. The issuing of a statement of honorable dismissal implies that the University of New Mexico would permit re-registration and would recommend the student to other institutions for entrance.

Examinations

Entrance Examinations.—Examinations for students deficient in entrance units, or for graduates of unaccredited or partially accredited high schools who must validate their unaccredited work, are given at the University at the beginning of each semester. These are not to be confused with entrance tests for all freshmen (see page 28). No fee is charged for an entrance examination.

Regular Examinations.—Course examinations are held at the close of each semester and at intervals during the semester. All students, including graduating seniors, are required to take semester final examinations, which are held according to a schedule issued by the Schedule Committee.

Special Examinations.—A special examination is one taken at another time than regularly with a class. Included under this heading are examinations for the removal of I's and X's, and for the validation of transferred credit.

A fee is charged for each final semester examination when sanctioned for any other time than provided for in the schedule, and for each special examination held to remove an X. No fee is charged for the removal of an I or for examinations for the validation of transferred credit. The instructor shall decide whether the fee shall be collected for special examinations given within the semester.

Before the student is admitted to a special examination for which a fee is charged, he must present a permit signed by the dean of his college, and a receipt for the special examination fee.

Examination for Advanced Standing.—A student in residence in an undergraduate college shall have the privilege of passing a course in the University by special examination without attendance upon the course, and receive full credit therefrom, such privilege to be subject to the following restrictions:

1. The applicant shall have a scholarship-index of two or more on the work taken during the preceding semester; he shall be doing superior work at the time of taking the examination; and he shall have been in residence for at least one semester.
2. The examinations shall have the approval of the dean of the college, of the head of the department, and of the instructor concerned.
3. The applicant shall pay in advance the regular fee required in examinations for advanced standing.
4. The student shall obtain in the examination a grade not lower than C, and shall show a mastery of the course acceptable to an examining committee of three appointed by the dean, including the instructor and the head of the department concerned.

Dishonesty in Examinations.—A student found guilty of dishonest practices in a quiz, test, examination, or other work, may be suspended or dismissed or otherwise penalized.

Scholarship Regulations

The scholarship standing of students is checked at the middle and end of each semester. At such times, students who are deficient in scholarship are placed on probation, or suspended, in accordance with the following regulations. A student placed on probation at any time will remain on probation until the next final examination period.

Probation.—A student is placed on probation (1) if he fails to score three-fourths as many grade-points as hours carried, or (2) if the grade-points accumulated at the end of a semester total less than the hours accumulated toward graduation.

Suspension.—A student on probation is recommended for suspension at the end of a semester (1) if the points earned for the semester total less than one-half the hours carried, or (2) if the points accumulated at the end of a semester total less than three-fourths the hours accumulated toward graduation.

Required physical education courses are not to be included in any reckoning involving probation or suspension.

A student who is suspended for poor scholarship, or who, after having been placed on probation at the end of the semester, fails to re-register for the following semester; or who withdraws from the University while on probation, shall be considered as on probation upon his return to the University, and the scholarship rules shall apply as though he had not been away.

A dean may require a student who is on probation at the time of registration to enroll for the minimum number of hours, and he may at any time require a student on probation to drop as many hours as seem to be in excess of the student's ability.

College of Education Regulations.—For additional scholarship regulations applying only to the College of Education, see page 67.

General College.—A student, with not more than 60 credit hours of academic work, suspended from a regular college on the basis of scholarship, is permitted to enter the General College on trial. Failure (grades of X and F) in more than half the credit hours carried during any semester makes a student liable to suspension from the General College. Students suspended from the General College may re-enter the University only through the General College.

In order to obtain a recommendation for transfer from the General College to another college of the University, a student must carry a minimum of twelve credit hours, exclusive of physical education, and obtain one and one-third times as many grades points as hours carried. General College students who have earned the number of credit hours

sufficient for the two-year diploma, but whose records do not permit transfer to other colleges, will not ordinarily be allowed to return to the University. In exceptional cases, students may petition the Committee on General College for further consideration.

Attendance

1. Students are expected to attend all meetings of the classes in which they are enrolled, and it is the duty of the student to take the initiative in arranging with his instructors to make up lost work.

2. Instructors will keep a record of class attendance and will report excessive absence to college deans.

3. A student with excessive absences may be dropped from a course with the grade of WF, by the dean of the college, upon recommendation of the instructor.

4. The dean may recommend dismissal from the University on the ground of neglect of duty when a student has thus been withdrawn from two courses.

5. Absences due to illness, field trips, athletic trips, etc., are to be reported to the instructor by the student through the office of the Dean of Men or the Dean of Women, but such report does not relieve the student of any responsibility toward his work.

6. Students who are absent and unexcused from final examinations or other closing exercises of the classes in which they are enrolled, shall be marked F. The grade of I may be given when the absence from examination is excused.

7. Non-attendance at classes, due to late registration, is treated on the same basis as absences incurred after registration.

University Assemblies

Regular assemblies are scheduled each month, but special meetings may be called by the President of the University, or by the Student Council with the concurrence of the administration.

Attendance.—Attendance is required at regular assemblies, but not at special assemblies, unless it is so announced at the time.

Absences.—It is necessary for a student to obtain from the Dean of Men or the Dean of Women an excuse for any absence within two weeks after the absence is incurred. The penalty for unexcused absences from assembly is the deduction of one semester hour from the total earned for the semester.

Programs.—Lectures and addresses are delivered on various topics of interest by members of the faculty, and by visitors to the University and to the city; musical and dramatic recitals, and contests in oratory and debating are held. A fair share of the time set apart for assemblies is given to the Associated Students for the transaction of their business.

GRADUATION REQUIREMENTS

Graduation with Honors

1. **The Degree with Distinction.**—All senior students having scholarship-indexes which will rank them in the upper 5 per cent of the graduating class of the University will be graduated "With Distinction." Ranking will be based upon all work taken at the University of New Mexico. Transferred students must present a minimum of 45 credit hours earned at this institution to obtain these honors.

2. **Senior Research Honors.**—Senior students presenting the best bachelors' theses, demonstrating ability to do independent work of a high order, will be awarded "Research Honors." Awards will be limited to 5 per cent of the senior class of each college, these awards to be recommended by a committee appointed by the dean of the college and by the Administrative Committee.

3. **Special Honors for Creative Work.**—Special honors shall be awarded students who have demonstrated exceptional ability in doing creative work as undergraduates, these honors to be recommended as above.

4. **The Degree with Honors.**—In the College of Arts and Sciences, the degree "With Honors" or "With High Honors" may be earned in accordance with prescribed regulations. See page 53.

Degree Requirements

For specific degree requirements see individual college sections.

Two undergraduate degrees may not be granted a student until he has earned the equivalent of five years' college work and has fulfilled all requirements for both degrees.

Application for Graduation.—At the beginning of the junior year, all candidates for degrees are required to file in the Office of the Registrar applications for graduation. Blank forms may be secured from the Registrar's office.

Quality of Work.—The number of credit hours required for all bachelors' degrees conferred by the University is based upon average work, which is designated by C. The number of grade-points earned by a student must equal the number of hours required for graduation.

Dividends and Penalties.—For every 15 semester hours of A work, the amount required for graduation is diminished by 1 hour. For every 30 semester hours of B work, the amount required for graduation is diminished by 1 hour. The maximum dividends allowed are 4 hours. For every fifteen semester hours of D work, the amount required for graduation is increased by 1 hour. No dividends or penalties are given in the College of Engineering. Dividends and penalties are

calculated only on work done in residence at the University of New Mexico.

Specific Course Requirements.—Philosophy 1 (Orientation), or Engineering 5, must be taken by all students in their freshman year, except by those students entering with as many as 20 hours of college work.

Four semester hours of required physical education must be earned by all students in the University. Freshman and sophomore students who enroll for a special course in hand, and make passing grades, may be exempted from physical education for this work, semester for semester. Students over thirty years of age are exempted from the physical education requirement.

Senior Residence Requirements.—Students who have done less than 60 semester hours in residence previous to the senior year shall earn 30 hours in residence in the senior year.

Students who have done 60 semester hours, but less than 90, in residence previous to the senior year, shall earn 24 semester hours in residence in the senior year.

Students who have done 90 or more semester hours in residence previous to the senior year shall earn 18 hours in residence in the senior year.

In no case is the number of hours specified to be earned in the senior year to be interpreted as necessarily the last hours.

Students may fulfill part or the whole of this residence requirement by attendance upon a sufficient number of summer sessions.

Work done by students of the University in courses in archaeology and anthropology given in the School of American Research at Santa Fe by members of the University faculty shall be regularly accredited as University residence work, on the same basis, and subject to the same regulations, as work done on the campus in Albuquerque, with the single reservation that, regardless of the amount of credit earned, seniors in the undergraduate colleges must earn one-half of their required senior hours on the campus at Albuquerque.

Residence Requirements in Major and Minor.—At least one-fourth of the minimum amount of credit hours required for major or minor studies must be earned in this University.

Extension Work.—A maximum of 30 hours may be earned toward graduation by extension or correspondence work.

Commencement.—Students who complete requirements for degrees at the close of the first or second semesters will receive their diplomas in June. Those who finish after the summer session or field sessions will receive diplomas the following June. Students must participate in the commencement exercises at the time of receiving diplomas, unless excused by the President of the University.

LOAN FUNDS AND STUDENT EMPLOYMENT

Employment.—The University Student Employment Bureau is maintained to aid those students who find it necessary to earn a part or all of their expenses while attending the University. All students requiring part-time employment are requested to register with the Employment Bureau, in the Personnel Office.

The University does not advise students to enter without sufficient funds to pay all necessary expenses for at least the first semester. It often requires one semester to make adjustments and to find suitable employment.

Aid from the National Youth Administration has enabled the University to expand substantially its employment program upon the campus.

The following principles are the basis of selection of candidates through the University Employment Bureau: (1) The establishment of the actual need of the student; (2) Seniority as to class standing, except for a small group of freshmen of special promise; (3) Scholarship; (4) Re-employment to be based on satisfactory service and scholarship.

Students who find it necessary to engage in outside work should not attempt to carry a full program of studies.

Loan Funds.—The University administers, under the direction of the Student Loan Committee, its own Student and Alumni Loan Fund and co-operates in the administration of several others.

The maximum amounts available from this fund respectively for sophomores, juniors, and seniors, are \$50, \$75, and \$100, with the provision that the succeeding amount shall be loaned each year upon repayment by the student of at least half the sum previously borrowed.

The general rules applying to these loans are as follows:

1. The student must have been in residence at the University for one year or more.
2. He must be receiving grades of C or better in subjects which he is carrying; preference will be given to worthy students with the higher ratings in scholarship.
3. Students receiving loans will be required to give notes with endorsers as prescribed by the Bursar's Office.

Other loan funds available to students at the University are: The Student Loan Fund of the Daughters of the American Revolution; The American Association of University Women Loan Fund; Revolving Loan Fund of the Ancient, Free, and Accepted Masons of New Mexico; Educational Loan Fund of the Grand Commandery of Knights Templar of New Mexico; The McGaffey Memorial Loan Fund of the Albuquerque Rotary Club; The Woman's Club Loan Fund; and The Altrusa Club Loan Fund.

AWARDS AND SCHOLARSHIPS

Names of students who have been granted awards are announced by the President after recommendations have been made to him by the Committee on Honors and Awards, or such other authorities as may be designated in special cases. Many of these awards are announced publicly at the time they are made during the academic year, and all are announced as a feature of the Commencement exercises. A description of the awards follows:

The C. T. French Medal for Scholarship.—A cash prize, consisting of the interest on \$500 is awarded to a graduating senior of the College of Arts and Sciences who has obtained during his last two years of continuous residence the highest general average for scholarship in a program of not less than fourteen hours a semester.

The Katherine Mather Simms Memorial Prize in English.—A cash prize consisting of the interest from a \$250 trust fund, which was given to the University by Albert G. Simms in memory of his deceased wife, Katherine Mather Simms, is awarded each year to a regularly enrolled junior or senior in actual attendance at the University, who shall have excelled in English composition. The selection is made by the professors of English and the dean of the Upper Division of the College of Arts and Sciences. The prize is announced in May.

The George E. Breece Prize for Excellence in Engineering.—A cash prize consisting of the proceeds from a \$600 prize-endowment is awarded to a senior in engineering who is enrolled for a full course. This award is made upon the basis of character, general ability, and excellence of scholastic record as shown during the last two consecutive years of residence in the University.

The Ives Memorial Scholarships.—These scholarships were created by the will of the late Byron M. Ives in memory of Julia Louise Ives and Helen Andre Ives. The income from the fund is used to maintain three \$200 scholarships for women students. Candidates must be residents of New Mexico, preferably living in Albuquerque, in good health, of good moral character, of high scholastic standing, and they must intend to teach. The scholarships are awarded annually by the President of the University. Final selection for the next academic year is made in July.

The Marian Coons Kindness Award.—The interest from a \$750 endowment fund, presented to the University by Mr. J. H. Coons in memory of his little daughter, Marian, is given each year to the regularly enrolled senior in the Department of Home Economics who

is voted the most kind by her classmates and teachers in that department. The prize is announced in March.

The Chi Omega Prize in Economics.—An annual prize of \$15 is awarded to the regularly enrolled woman student (Chi Omega excepted) who does the best work in economics during the college year. Selection is made on the basis of scholarship and general knowledge of the subject. The award is announced in April.

The Alfred Grunsfeld Memorial Scholarships.—Mrs. Miriam Grunsfeld gave the sum of \$5,000 to the University in 1927 to establish a perpetual trust fund. The income from this fund is used in the payment of two scholarships for men. Conditions governing the awards are stated in conjunction with the Miriam N. Grunsfeld Scholarships.

The Miriam N. Grunsfeld Scholarships.—Mrs. Miriam Grunsfeld gave the sum of \$5,000 to the University in 1929 to establish a perpetual trust fund. The income from this fund is used in the payment of two scholarships for women.

The conditions governing these scholarships, all four of which are announced each May, are stated below:

1. To be eligible for the scholarships, students must be residents of the state of New Mexico. It is also required that, during the academic year immediately preceding the award, they shall have been in actual attendance at the University as full-time students; that they shall not be above the rank of junior; and, that three of the recipients shall have been enrolled in the Department of History or the Department of Government and Citizenship (the fourth may be enrolled in any department of the University).
2. In selecting the students to receive the awards, consideration is given to their general scholarship, and to their financial requirements.

The scholarships are paid in two installments not to exceed \$100 each, one at the beginning of the first semester, and the other at the beginning of the second semester, contingent upon maintenance of good scholastic record in a normal course of study. If the student fails to register for the second semester, an alternate may be selected.

The Philo S. Bennett Prize.—The income from a fund of \$1,200 has been awarded annually, since 1928, to a woman student in the second semester of her freshman year, who is most worthy, who has resided in New Mexico for at least the preceding four years, and who will continue as a resident student in the University. The award is made in January.

The Harry L. Dougherty Memorial Prize in Engineering.—The income from this fund is awarded annually in cash to the underclass-

man in the College of Engineering who has the highest general scholastic standing. By custom, the prize is given to a sophomore and is announced in February.

The Sigma Tau Medal for Scholarship.—This medal is awarded each year to the regularly enrolled sophomore engineering student who has earned at least thirty-four hours toward graduation, and who has the highest weighted average grade for the previous year. The award is announced in September.

The Oren W. Strong Award.—An annual gift of \$50 is awarded to a student in the University, who is a resident of the state, who has maintained a scholastic index above 1.5, and who is under the necessity of earning his living expenses. If two or more students with approximately the same scholastic index are being considered, preference shall be given to the one earning the larger share of his necessary expenses. The name of the student winning this award is announced in April, and the money is paid to him upon his registration the following autumn.

The Charles Florus Coan Award.—The income from a memorial fund is awarded annually, for excellence in scholarship, to a worthy student whose major field is history. The student is chosen by the faculty of the Department of History, and the award is announced in March.

The Rose Rudin Roosa Memorial Award.—The income from a \$1,000 cash endowment, given to the University by Howard Roosa in memory of his late wife, is used to stimulate interest in good government and citizenship. The award is given annually to the freshman registered in the field of government and citizenship, who, in the opinion of his professors, has shown exceptional ability, as indicated by scholarship and interest in the field. This prize is announced in April.

The New Mexico Section of the American Society of Civil Engineers Award.—A certificate of merit with entrance dues for junior membership in the American Society of Civil Engineers, together with a membership badge, is given to a graduating student in civil engineering who excels in scholarship, holds membership in the student section of the engineering society, is active in student engineering organizations, and who, in the opinion of his professors, shows promise of becoming a successful engineer.

The C. M. T. C. Scholarship.—The Regents of the University of New Mexico, in 1931, established a scholarship of \$100 to be awarded to the New Mexico C. M. T. C. student receiving the recommendation of the commanding officer of the camp.

The Indian Scholarship.—In 1933, the Gaekwar of Baruda, India, made a gift of \$100 to the state to aid in higher education of the South-western Indians. This fund has been divided into four awards of \$25 each, to be given to deserving students of Indian parentage who have attained at least sophomore rank with a scholastic index of 1.5 in all work completed in the University. In choosing between two equally deserving students, preference will be given to the one having the higher scholastic average, or the higher class ranking. The scholarship is announced in January.

The Phi Kappa Phi Prizes.—Two annual cash prizes of \$10 each are awarded to the man and woman who rank highest in general scholarship for the work of their freshman year. These prizes are announced each fall when the Phi Kappa Phi Freshman Honor Roll, which includes freshmen in the upper 10 per cent of their class in scholarship, is read.

The American Association of University Women Award.—An annual award of \$50 was created by the Albuquerque branch of the A. A. U. W., to be used as a scholarship to promote advanced college training for women. It is given to a woman student who has earned at least 90 semester hours in this institution and who will enroll for a regular course the following year as a senior or as a graduate student. Selection is made on the basis of scholarship, of financial need, and of general ability as indicated by recommendations from professors to the committee. The award is announced late in May.

The School of American Research Awards.—The School of American Research, of the Archaeological Institute of America, affiliated with the University of New Mexico in research and instruction, awarded in 1935 three scholarships of \$250 each.

The Altrusa Club Music Prize.—An annual prize of \$10 is awarded to the student registered in the Department of Music who, in the opinion of the faculty of that department, makes the greatest improvement during the regular academic year.

The Marcella Reidy Mulcahy Memorial Prize.—An annual cash prize of \$10, established by the Kappa Kappa Gamma Alumni Association is awarded to the student who, in the opinion of a special committee appointed by the head of the English department, has excelled in the composition of poetry. This prize is announced at the close of the first semester.

The Class of 1936 Prize for Dramatic Talent.—A cash prize is awarded to the student who, in the opinion of the dean and the instructor of the College of Fine Arts, has done outstanding work and who shows future promise in the field of dramatic art.

The Rhodes Scholarships.—The trustees of the will of Cecil Rhodes have modified the manner of selection of Rhodes scholars to provide for a maximum of thirty-two scholars each year, each scholar to receive an honorarium of \$2,000 per year and to study for two or three years in Oxford University, England.

Early in the fall semester, a committee of the faculty of the University nominates candidates to the state committee for selection. This committee selects two men to represent the state of New Mexico before the district committee, which, in turn, selects not more than four scholars to represent the six states which compose a district.

Exchange with the National University of Mexico.—Under an arrangement entered into between the two universities, students may be exchanged between the University of New Mexico and the National University of Mexico upon mutually agreeable terms.

RECENT GIFTS AND DONATIONS

Carnegie Corporation Gift.—Trustees of the Carnegie Corporation have presented a phonograph and a library of music recordings to the University of New Mexico. The contents of this set, which cost the corporation \$2,500, include: an electric phonograph of special design for use in small rooms and auditoriums; approximately nine hundred records chosen as an anthology of recorded music, ancient and modern, from oriental and occidental countries; an oak cabinet in which to keep the records; bound copies of full scores and bound vocal scores of operas and oratorios; lastly, a selection of about one hundred books on musical subjects, historical and biographical, and works of reference.

The San Jose Experiment.—Beginning with the academic year 1930-1931, the General Education Board pledged \$12,000 a year for five years, for the purpose of experimental work with Spanish-American school children. For the three-year period beginning with 1935-1936, the General Education Board has made a further appropriation of \$27,000. The original sum was supplemented by a gift of \$5,000 a year for five years from the late Senator Bronson M. Cutting. During the past year, the sum of \$2,000 was contributed by the Senator Bronson M. Cutting estate. This money, together with the regular budget of the San Jose School, provided by the Bernalillo County Board of Education, has made possible the establishment of the San Jose Training School.

The Neill B. Field Collection.—In accordance with the will of the late Neill B. Field, the University will receive his collection of old Spanish and Mexican silver, santos and bultos, and certain pictures and furniture to be preserved as museum pieces, on condition that the Regents of the University shall agree to furnish appropriate space for them.

Carl Schurz Memorial Foundation, Inc.—Mr. Ferdinand Thun, President of the Carl Schurz Memorial Foundation, donated \$80 to be spent in Germany for the purchase of German books to keep up interest in the German language and literature.

The E. E. Bliss Collection.—Several mounted heads from a big game collection were presented to the University by Mr. E. E. Bliss, of Albuquerque. This collection was hung in the biology department.

The Mrs. Silas Ichenhauser Gifts.—Mrs. Silas Ichenhauser has added to the University library thirty-nine volumes, together with a miscellaneous collection of music, pictures, and wall plaques.

Gifts to the Department of Anthropology.—Several gifts and loans of pre-historic pottery, stone artifacts, periodicals and books,

etc., have been made to the Department of Anthropology, the Museum of Anthropology, and the School of American Research. A collection of Peruvian pottery was given by Mrs. Beryl Hurd; a collection of ethnological material, by General H. F. Robinson; and a collection of pottery, by Mr. Harold Gladwin, of the Gila Pueblo. Mr. W. E. Burk gave the museum an Aztec teponaztli, or flat drum. A gift of a collection of Pecos pottery was made by Phillips Academy.

Gifts to the Department of Art.—A permanent loan of sixteen large paintings by 19th century and contemporary artists, has been made to the art department. This loan was made by a New York museum which is to remain anonymous.

Through the generosity of the sculptor and a number of citizens of the state, the University has been able to purchase a bronze Indian bust by George W. Blodgett.

Gifts to the Department of Geology.—Specimens of minerals, ores, rocks, and fossils have been given to the department by many persons. Notable collections were presented by J. P. Rinker, of Tres Piedras, and Joseph Peyer, of Dixon.

Gifts to the Library.—Collections of books and periodicals have been presented to the library by Mrs. Alice Montoya, Dr. B. F. Haught, Professor and Mrs. C. H. S. Koch, and Mr. Fremont Kutnewsky. Mr. Herman Schweizer gave a valuable book printed in Spanish in 1842.

Gifts to the Department of Physics.—A gift of \$300 was made by the American Philosophical Society to further the research program in lightning being conducted by the Department of Physics. The following Albuquerque firms contributed toward the purchase of a portable lightning laboratory: Albuquerque Gas and Electric Company, Rocky Mountain Electrical Association, Baldridge Lumber Company, New Mexico Tank and Culvert Company, M. M. Maisel, and two anonymous donors.

A set of test lenses was given to the department by Dr. Chester F. Bebbler.

Federal Grants.—Through a grant of the Government's Public Works Administration, the University has under way a building program calling for the expenditure of \$696,819, including a central heating plant, a student union building, a library, and a state public health laboratory.

The National Youth Administration, of the Works Progress Administration, has given employment this year, in the various departments of the University, to a total of 191 students.

Three grants of the Works Progress Administration have been made jointly to the Department of Anthropology and to the Museum of the State of New Mexico. One grant is for the further excavation

and the fencing of the Indian ruins within the recently established Coronado State Monument near Bernalillo. Another has initiated the scientific excavation of Pueblo Viejo de San Pedro (also known as Paako), which is owned by the University and located near San Antonito.

The third grant is for the building of hogans in the research camp at Chaco Canyon, and the excavation and repair of Chetro Ketl and Casa Rinconada, at Chaco.

With the aid of the Works Progress Administration, additions and repairs were made to the Harwood Foundation of Taos, New Mexico, which was established several years ago by Mrs. Lucy Case Harwood and deeded by Mrs. Harwood to the University in 1935.

The Works Progress Administration also made possible repairs to the women's residential hall and the President's home, trenching for underground telephone lines, and the construction of curbs and gutters on the campus.

STUDENT ORGANIZATIONS AND ACTIVITIES

Organizations

Associated Students.—The students of the University constitute a general student body organization which is called "The Associated Students of the University of New Mexico," and which controls the other organizations of general interest.

Associated Students Council.—The Associated Students Council is the administrative agent of the Associated Students of the University. Representatives of the Council are elected from the student body.

Student Senate.—The Student Senate is the other governing board of the student body. It is composed of a representative from each organization on the campus.

Associated Women Students.—The Association of Women Students is composed of all regularly enrolled women students of the University. The purpose of the organization is to secure uniform and broad social interests among University women, and to create a bond among the various women's organizations. It is governed by a council, the members of which are representatives of all women's organizations on the campus.

Honor Societies.—

Cacique—honorary organization for students of biology

Kappa Mu Epsilon—national honorary mathematics fraternity

Kappa Omicron Phi—national honorary fraternity for students of home economics

Khatali—senior honorary society for men

Mortarboard—national honorary organization for senior women

Mu Alpha Nu—national honorary and professional fraternity dedicated to the sciences of anthropology

Phi Alpha Theta—national honorary fraternity for students of history

Phi Kappa Phi—national honorary scholastic society

Phi Sigma—national organization for the promotion of interest in research in biological sciences

Pi Gamma Mu—national honorary fraternity for students of the social sciences

Pi Sigma Alpha—national honorary fraternity for students of political science

Sigma Alpha Iota—national professional organization for the recognition of merit of students in the music department

Sigma Tau—honorary national fraternity for students in the College of Engineering

Theta Alpha Phi—national honorary dramatic organization for University students and alumni.

For information in regard to other student organizations and activities, see the Freshman Handbook.

National Social Fraternities and Sororities.—

Fraternities: Kappa Alpha, Kappa Sigma, Pi Kappa Alpha, Sigma Chi, Sigma Phi Epsilon

Sororities: Alpha Chi Omega, Alpha Delta Pi, Chi Omega, Kappa Kappa Gamma, Phi Mu

Fraternity and sorority relations are controlled by the Interfraternity Council and the Panhellenic Council respectively. These organizations also take prominent places in student activities.

Religious Activities

All the religious denominations are represented in Albuquerque. The members of all churches gladly welcome the University students and invite them to share in their religious and social life. The University holds to a policy of non-sectarianism, but encourages its students to affiliate with the religious organizations with which their families are connected, and to attend church services regularly.

The Student Christian Movement is an active organization on the campus.

Military Training

Application has been made by the Regents to the United States Government, in behalf of the University, for a unit of the Reserve Officers Training Corps, which unit would be similar to those now in existence in most of the other state universities. The establishment of this unit awaits appropriation by Congress.

There has been established on the campus a unit of the New Mexico National Guard, in which enlistment is voluntary. This unit belongs to the 120th Engineers. There is also in the city a troop of cavalry, a military band, and a medical unit. These organizations afford an opportunity for training which is necessary for those desiring to secure commissions in the Officers Reserve Corps. Members of these units are paid for their drills in accordance with their rank, receiving the same base pay as the corresponding rank in the regular army.

Student Athletics

All intercollegiate athletic activities are under the direction of the Athletic Council, and are subject to the approval of the faculty and the President of the University. The University also sponsors an intramural program, designed to supplement the prescribed courses in physical education.

Eligibility

Intercollegiate Athletics.—Intercollegiate athletics are controlled by the Border Intercollegiate Athletic Conference, of which the University is a member.

Campus Eligibility.—All other sports and activities on the campus are under the supervision of the Faculty Committee on Eligibility and the regulations are stated in full in the Student Handbook.

Student Publications

The Lobo, a semi-weekly publication, and The Mirage, an annual, are managed entirely by students. The editor and the manager of each publication are elected by the Student Publications Board, and work under the direction of this board.

Alumni Activities

The Alumni Association.—All graduates and former students of the University are eligible for membership in the Alumni Association, which was reorganized in 1927.

Alumni Publication.—The New Mexico Alumnus, the official publication of the Alumni Association, is published every month except June and July.

COLLEGE OF ARTS AND SCIENCES

Purpose and Function

The College of Arts and Sciences attempts to supply the cultural training which should underlie the more specialized work of the graduate, professional, or vocational school. The materials for this training are provided by the interests and achievements of man as they appear in his cultural records, his social institutions, and his investigation of natural laws.

Relation to Professional and Vocational Schools

The degrees of the College of Arts and Sciences are based upon cultural, rather than professional or vocational, courses. The courses preparatory to law and medicine are planned and taught as cultural subjects, and do not infringe upon the work of the professional school. No vocational courses (typing, shorthand, bookkeeping, manual training, etc.) are offered or accepted. Concerning the limited acceptance of work in education, engineering, law, medicine, and fine arts, see Electives, and Special Curricula.

Degrees

Upon the recommendation of the faculty and the President of the University, the degree of Bachelor of Arts is conferred by the Regents upon those candidates who have completed all specified requirements. Candidates who complete the requirements with majors in mathematics or the sciences may, upon request, receive the degree of Bachelor of Science.

Work for Honors

During the academic year, 1936-1937, the College of Arts and Sciences inaugurated work leading to the baccalaureate degree "With Honors" and "With High Honors." A complete copy of the regulations governing this work will be found in the Handbook, but the following points should be kept in mind by those interested:

1. Entrance to the Honors Group following this plan can be gained only by application. Normally this application will be made at the end of the first semester of the freshman year, but may be made later, if agreed upon by the committee.
2. Special awards will be available to those showing a high degree of proficiency. Chief among these will be ten awards of \$50 each, available for those completing the work for honors in the sophomore year and returning for the junior year; and similar awards for those completing the work for honors in the junior year and returning for the senior year.

3. Students interested are advised to consult with the deans of the College of Arts and Sciences.

Graduation Requirements

Candidates for the degree of Bachelor of Arts or Bachelor of Science are required to complete a total of 124 semester hours in academic subjects, and 4 semester hours in physical education. In the first two years, or Lower Division, the student is expected to acquire certain basic essentials and to explore several different fields to determine where his interests lie. In the last two years, or Upper Division, the student devotes himself to his major and minor, and to such other subjects as he may wish to take.

Lower Division.—The requirements of the Lower Division are as follows:

1. At least 60 semester hours in courses acceptable toward graduation, in addition to 4 semester hours in physical education.
2. Sixty-eight grade-points reckoned on 60 hours of work.
3. The completion of the following specific courses: Philosophy 1 (Orientation), physical education and group requirements as described below.
4. In all cases except foreign language, students in the Lower Division are confined to courses numbered below 101, with the provision that a student may be admitted to Upper Division courses at the discretion of the deans of the college (1) If he has completed within 7 hours of the group requirements; (2) If he has completed not less than 53 credit hours, exclusive of physical education, earning not less than 60 grade-points; and (3) If the remaining requirements appear upon his program.
5. Students in the Lower Division may not carry more than 8 hours in one department during one semester. (Exception may be made in the case of pre-medical students.)

Upper Division.—The requirements of the Upper Division, leading to graduation, are as follows:

1. The completion of at least 40 hours in courses numbered above 100 with an average grade of C or better.
2. The completion of at least one major and one minor.

In addition to the requirements listed above, each student is subject to the following regulations:

1. Not more than 50 hours in courses open to freshmen may be taken without a penalty of one hour for every three excessive hours.
2. The number of grade-points earned must equal the number of hours required for graduation.

3. Ninety hours must be of C grade or better; and, students who do part of their work at other institutions must make grades of C or better in three-fourths of the hours earned at the University of New Mexico.

Group Requirements

In keeping with the exploratory aim of the Lower Division, the student distributes part of the work of his first two years among the four following groups of subjects. The acceptability of transferred work toward fulfilling the group requirements lies in the judgment of the Registrar and the deans of the College.

- I. **English.**—Six semester hours must be earned in English 1 ab, and 3 additional credit hours must be earned in courses numbered above 50.
- II. **Foreign Language.**—(a) A student who has been admitted with no credit in a foreign language, or who begins a language in which he has done no work in high school, is required to complete 12 hours in one foreign language. (b) A student admitted with 1 unit in a foreign language must earn 9 credit hours in courses above the first semester's work if he continues the same language. (c) A student admitted with 2 or more units in one language must earn 6 semester hours if he continues the same language. (d) A student admitted with 3 or more units in one language may have the privilege of taking a proficiency examination, which, if passed satisfactorily, will exempt him from further language requirements.
- III. **Social Sciences.**—Nine semester hours (not more than 6 from one department) must be completed in approved* courses in the Departments of Anthropology, Economics, Education, History, Government and Citizenship, Philosophy, Psychology, or Sociology. A student admitted with less than 1 unit in social science is required to complete 12 hours in this group.
- IV. **Mathematics and Sciences.**—Eleven semester hours (not more than 8 from one department, and including 8 hours in courses that require laboratory work) must be completed in approved* courses in the Departments of Biology, Chemistry, Geology, Home Economics, Mathematics, Physics, or Psychology. A student admitted with high school deficiencies in both mathematics and science is required to complete a total of 17 hours in this group.

Major and Minor Studies

A student admitted to the Upper Division shall declare his major subject, and his program of studies thereafter shall meet with the

*For approved courses, see Departments of Instruction.

approval of the head of the major department. A major consists of not less than 24 hours in approved courses. The student must also complete, in another department, a minor of not less than 12 semester hours. The selection of the minor is subject to the approval of the head of the student's major department.

Only work of at least C quality is accepted toward the major and the minor; courses in which grades of D are earned may be accepted as electives toward graduation.

A major or a minor in education is not accepted toward a degree in the College of Arts and Sciences.

Electives

A student who has fulfilled all requirements for graduation may complete his program with electives, but only the following courses offered by other colleges of the University are accepted toward the degree in the College of Arts and Sciences: Architecture 13 ab, 53 ab; Civil Engineering 108; Dramatic Art 1 ab, 67 ab, 80 ab, 92, 140 ab, 150; Education 31, 101, 102, 105 a, 109, 141, 174; Electrical Engineering: 101 L, 102 L, 105 L; Engineering 1 abL, 51 L, 55 L, 60; Home Economics 11, 14 L, 53 abL, 68, 104, 109, 111, 128, 132, 138; Mechanical Engineering 101, 102, 109; Physical Education, required courses.

Students in the College of Arts and Sciences may major and minor in Art or Music, subject to the approval of the deans of the College. In the case of students not majoring or minoring in these departments, only the following courses are accepted toward a degree: Art 1 ab, 25, 52 ab, 125, 152 ab, and 4 hours of practical work; Music, all theoretical courses and 8 hours of practical work.

Credit normally will not be given for professional courses completed in other institutions and transferred to the University of New Mexico.

Normal Program of Studies

The normal program for a student intending to graduate in four years is sixteen hours a semester. Seventeen hours, plus one semester of physical education, is the maximum, except by petition to the Committee on Scholarship, which may, in its discretion, grant up to 19 hours (including non-credit courses). Ordinarily, a petition for excessive hours will not be considered unless the student has in the preceding semester made a grade of B in two-thirds of his hours, and no grade below C.

Normal Freshman Program.—Following is the standard freshman program; necessary deviations from it should be made only after consultation with the Dean of the Lower Division.

First Semester		Second Semester	
*English 1a	3	*English 1 b	3
Foreign Language	3	Foreign Language	3
Social Science	2-3	Social Science	2-3
Natural Science or Mathematics	3-4	Natural Science or Mathematics	4-3
Philosophy 1 (Orientation)	2	Physical Education	1
Physical Education	1	Additional group requirements	3-3
Additional group requirements	2		

Special Curricula

Combined Curriculum in Engineering and Arts and Sciences.—Degrees in both the College of Arts and Sciences and the College of Engineering may be obtained by following a five-year curriculum, to be outlined in each case, jointly, by the deans of the two colleges. Any student interested in this curriculum should confer with the deans before the end of the sophomore year.

Senior Year in Medicine or Law.—A candidate for the bachelor's degree may offer, in lieu of the last thirty hours at the University of New Mexico, the full first year's work (satisfactorily passed and properly certified) in an approved school of law or medicine requiring three years for entrance, provided: (1) That written notice of this intention be submitted to the Dean of the Upper Division before the end of the junior year; (2) That the first three years of work (94 semester hours) shall have been taken in residence at the University of New Mexico; (3) That, before entrance into the professional school, the candidate shall have completed all specific and group requirements, and major and minor requirements, in accordance with University regulations; (4) That at least 75 per cent of the hours completed before entrance into the professional school shall have been of C grade or better, and that the total of grade-points shall at least equal the total number of hours completed.

Curriculum Preparatory to Medicine.—The minimum of college work required for admission to medical schools approved by the Association of American Medical Colleges, and by the Council on Education of the American Medical Association, is 60 semester hours in a college of arts and sciences. Since the admission requirements of different medical schools vary, the pre-medical student should familiarize himself with the requirements of the particular school he wishes to attend.

Curriculum Preparatory to Law.—The law touches life at so many points that the student preparing for it should seek broad preparation in English composition and speech, history, economics, politics, philosophy, language and literature, logic and mathematics; if he wishes to become versed in the history of law, he must possess a sound knowledge of Latin.

*If the student fails to pass the placement test, English A is taken the first semester for no credit, and English 1 a is taken in the second semester.

COLLEGE OF ENGINEERING

The duties of the engineer are so varied and far-reaching that no single definition adequately portrays his services to the human race. He should, however, be able to apply the laws of nature to the benefit of mankind, to manage and to control technical works and industries, and to apply his scientific training and experience to the political and social problems of his day. Such a variety of work requires men of good character who are well grounded in the fundamentals of the profession of engineering.

It is the purpose of the College of Engineering to train the student in the elements of his branch of engineering, and to develop honesty, loyalty, industry, and thoroughness, so that he may enter the profession of his choice with profit to mankind as well as to himself.

Admission

A detailed statement of entrance requirements will be found on page 24.

Transfer students, special students, and auditors desiring to enter the College of Engineering will be governed by the rules and regulations outlined on pages 26-27.

Scholastic Regulations

Students in the College of Engineering will be governed by the scholarship regulations given on page 37.

Courses of Study

The College of Engineering offers four four-year programs of study leading respectively to the degrees of Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Mechanical Engineering, and Bachelor of Science in Engineering with an option in Chemistry, Geology, Physics, Mathematics, or Economics and Business Administration. It is also possible to arrange a program of study so that the Bachelor of Arts degree can be obtained in one additional year (see page 57).

Architectural Engineering.—The Department of Architecture is in the College of Fine Arts. It is possible for a student to work out between the two colleges, two or three years of the course usually required for architectural engineering.

Laboratories and Equipment

Drawing and Design Laboratories.—Three well-equipped rooms in Hadley Hall are provided for all of the drafting room work offered.

Civil Engineering Laboratories.—The department provides for laboratories for road material, building material, and hydraulics, and surveying equipment to be used in all types of elementary and advanced field courses.

The materials testing laboratory is equipped for making tests of cement, concrete, stone, brick, tile, timber, steel, and other material used in engineering practice. Tests are conducted by students to illustrate the properties of these materials. The laboratory is also used for research problems, and, to a limited extent, for commercial testing. All equipment and all tests conform to accepted standards of engineering practice.

The hydraulics laboratory is equipped to study the flow of water in open channels, through pipes and orifices, and over weirs, illustrating the principle of hydraulics as used in the theoretical courses and in courses in water supply, sewerage, and drainage.

The highway testing laboratory contains a complete set of equipment for making standard tests on road oils and asphalts, and also machines for the testing of gravels used in highway construction.

Field work and office computations in surveying are conducted with modern equipment of the highest grade.

Electrical Engineering Laboratory.—The laboratory occupies approximately 2,600 square feet of floor space in Hadley Hall, and is equipped for the study of circuits, dynamos, transformers, electronics, radio, and other applications of electricity.

The dynamo laboratory is equipped with motors and generators of all the common types, for both direct and alternating current, and some special machines, such as a rotary converter, a 2,000-volt D-C generator, etc. Starting, speed-controlling, and loading devices are available, so that the principles of operation of motors and generators can be studied and all of the standard tests on dynamos can be made.

The transformer section has a number of standard transformers of various capacities and voltage ratings, and some special types, such as a constant-current series lightning regulator, and a 50,000-volt testing transformer.

The electronics laboratory is equipped for work in the application of vacuum tubes, photo-electric cells, amplifiers, and other electronic devices. The list of equipment is being expanded continually in order to stay abreast of developments in this very important field.

In addition to the equipment mentioned above, the laboratory facilities include a wide variety of instruments, meters, speed-measuring devices, instrument transformers, an electro-magnetic oscilloscope, a cathode-ray oscilloscope, and other special equipment for use in electrical measurements. Also, close co-operation is maintained between the Departments of Physics and Electrical Engineering, so that the

laboratory equipment of both departments is available to each. Materials and supplies are kept on hand for use in making up special equipment needed in other-than-routine experimental and research work.

Mechanical Engineering Laboratory.—The laboratory includes equipment for experimental work in the fields of heat power, of air and gas flow, and of refrigeration.

In the field of heat power the laboratory has the following major equipment in addition to auxiliary equipment and necessary instruments:

A steam engine equipped with a Prony brake, two types of valves, and two types of governors.

A steam turbine equipped with an oil relay governor and a water brake. This unit will also be connected to a direct current generator for loading.

A surface condenser with a steam-air ejector.

A small vertical fire-tube boiler equipped for gas firing. In the future, boiler tests will be run on one of the units now under construction in the new heating plant. The new boilers are of the water tube type and are equipped for automatic gas firing.

An automotive engine with an electric dynamometer.

A full gasoline engine with a variable compression ratio for fuel research. This unit is also equipped with an electric dynamometer.

Calorimeters for determining the heat value of solid, liquid, and gas fuels.

In the field of air and gas flow, the laboratory is equipped with a steam-driven, two-stage air compressor, an air-flow test set, and recording and indicating meters for measuring the flow of air, steam, and natural gas.

In the field of refrigeration, the laboratory is equipped with a complete test plant including an ammonia compressor, receivers, coolers, heat exchangers, etc.

Requirements for Graduation

Candidates for the degree of Bachelor of Science in any of the departments must complete all of the work outlined in their respective curricula.

The course of study for the first year is uniform for all departments; the course of study for the second year is uniform, except for a few minor exceptions as noted in the following outline of courses.

At the end of the freshman year, the student should elect the course which he intends to follow and report his choice to the dean's office.

Electives, where permitted, are to be chosen with the advice and consent of the dean and of the head of the major department.

Students who are required to take English A must do so in addition to the regular courses in English.

Two-thirds of the semester hours in the required work must be of C grade or better, and the total number of grade points in the hours offered for graduation must equal the total number of hours.

Curricula Offered by the College of Engineering

Courses of Study for All Engineering Students

First Year

First Semester		Second Semester	
Mathematics 15	3	Mathematics 2	3
Mathematics 16	3	Mathematics 22	3
Chemistry 1 a and 1 aL	4	Chemistry 1 b and 1 bL	4
English 1 a	3	English 1 b	3
Engineering 1 aL	2	Engineering 1 bL	2
Engineering 5	2	Engineering 6	2
Physical Education	1	Physical Education	1

Second Year

Mathematics 53	4	Mathematics 54	4
Physics 51 aL	5	Physics 51 bL	5
Engineering 51 L	2	*Engineering 55 L	3
*Engineering 55 L	3	*Engineering 56 L	3
*Engineering 56 L	3	Engineering 60	3
†Economics 105	3	†Economics	3
Physical Education	1	Physical Education	1

Curriculum Leading to the Degree of Bachelor of Science in Civil Engineering.—(Hours required for graduation, 143.)

Third Year

First Semester		Second Semester	
C. E. 103 L	4	C. E. 104 L	4
C. E. 115 L	2	C. E. 108	3
M. E. 101	3	C. E. 110	3
M. E. 109	3	C. E. 112 L	2
E. E. 105 L	5	C. E. 118 L	3
		M. E. 103 L	2

Summer Camp

C. E. 157 F	2
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*Enroll in one each semester.

†Students in General Engineering may postpone this course; consult the head of the department concerned. Students electing the option in economics and business administration should take Economics 51 ab.

Note: See page 89 for a description of courses.

Fourth Year

C. E. 159 L	3	C. E. 160 L	5
C. E. 165	2	C. E. 162	3
C. E. 167 L	3	C. E. 166 L	3
C. E. 169 L	1	C. E. 170	2
C. E. 173 L	1	Engr. 157 b	1
Geology 1	3		
Geology 5 L	1	Electives	3
English 65	3		

Electives in Civil Engineering

C. E. 184	3	C. E. 186	2
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Curriculum Leading to the Degree of Bachelor of Science in Electrical Engineering.—(Hours required for graduation, 141.)

Third Year

First Semester		Second Semester	
E. E. 101 L	6	E. E. 102 L	4
Physics 111 a	3	C. E. 108	3
Physics 111 aL	2	*C. E. 110	3
M. E. 101	3	C. E. 112 L	2
M. E. 109	3	M. E. 102	3
		M. E. 103 L	2

Fourth Year

E. E. 151 aL	4	E. E. 151 bL	4
E. E. 161 aL	2	E. E. 161 bL	2
E. E. 181 L	4	Engr. 157 b	1
Engr. 157 a	1	E. E. 196	3
English 65	3	C. E. 170	2
*C. E. 173 L	1	Electives	5
*Electives	2 or 3		

Electives in Electrical Engineering

E. E. 155	2	E. E. 186	3
E. E. 168	2	E. E. 192	2
E. E. 171	3	E. E. 194 L	3

Curriculum Leading to the Degree of Bachelor of Science in Mechanical Engineering.—(Hours required for graduation, 141.)

Third Year

First Semester		Second Semester	
M. E. 101	3	M. E. 102	3
M. E. 105	3	M. E. 103 L	2
M. E. 109	3	M. E. 114 L	4
E. E. 105 L	5	C. E. 108	3
English 65	3	C. E. 110	3
		C. E. 112 L	2

*If hydraulics is elected in the junior year, hydraulics laboratory must be taken in the first semester of the senior year. Normally, a two-hour elective is taken with hydraulics laboratory, but the student may take a 3-hour elective, making a total of 18 hours.

NOTE: See page 89 for a description of courses.

Fourth Year

M. E. 151 aL	2	M. E. 151 bL	2
M. E. 153 aL	3	M. E. 153 bL	3
M. E. 155	4	M. E. 156	3
Engr. 157 a	1	Engr. 157 b	1
C. E. 173 L	1	C. E. 170	2
*Electives	6	*Electives	6

Electives in Mechanical Engineering

M. E. 160	3	M. E. 165	2
M. E. 162 L	4		

Curriculum Leading to the Degree of Bachelor of Science in Engineering.—(Hours required for graduation, 141.)

Third Year

First Semester		First Semester	
M. E. 109	3	C. E. 108	3
M. E. 101	3	E. E. 105 L	5
†Group Electives	11	†Group Electives	9

Fourth Year

M. E. 105	3	M. E. 156	3
English 65	3	C. E. 110	3
†Group Electives	11	C. E. 170	2
		†Group Electives	9

*Six hours required from this group or from the Departments of Civil and Electrical Engineering.

†Group electives must be chosen from one of the following fields with the advice and the consent of the head of the department concerned and of the Dean. Chemistry—see page 98; Geology—see page 115; Physics—see page 135; Mathematics—see page 123; Economics and Business Administration—see page 101. Geology electives must include C. E. 195 L, 157, and 169 L.

NOTE: See page 89 for a description of courses.

COLLEGE OF EDUCATION

Purpose

The purpose of the College of Education is to correlate the forces of the University in order to meet the needs of the state in the preparation, training, and certification of teachers, supervisors, and administrators. The college sets for itself these tasks: the thorough training of elementary and high school teachers and of supervisory and administrative officers; the provision of courses in the various fields of education, and of opportunities for research.

The curricula are based upon the assumption that the teacher or supervisory officer should have a broad and liberal education; that he should be master of the subject or group of subjects that he expects to teach; and that his training should be supplemented by professional education designed to give a knowledge of the pupils to be taught, the problems to be met in teaching, and the new meaning of the subjects of instruction. For the prospective teacher this policy has the effect of placing the emphasis upon the subjects he intends to teach. It is advisable for supervisors and school executives, however, to major in educational administration.

Standards

Graduation from the College of Education meets the requirements of the New Mexico State Board of Education for certification of high school and elementary teachers, and the recommendations of the North Central Association of Colleges and Secondary Schools as to professional subjects in education, and the proper subject matter courses for purposes of high school teaching. Because of the tendency in various states to increase the number of credit hours in education for certification, students are advised to secure credit in not less than twenty-four semester hours in education, including general psychology.

Admission

For the quantitative requirements for admission to the College of Education, see pages 24-25.

In the admission of applicants to the College of Education, the following points will be considered: (1) Good moral character; (2) Physical and intellectual fitness, and (3) Personal qualities necessary for success in some field of education.

Graduates of the standard (two-year) curriculum for state teachers' colleges, who had been graduated previously from a four-year high school (covering requirements for entrance to the freshman class in this institution), are accorded 62 semester hours credit, includ-

ing 16 semester hours in education and psychology. Work done after completion of a two-year course will be considered on its merits.

A student intending to prepare for teaching should register in the College of Education, in order that he may be educationally guided, and be enabled to make the necessary professional adjustments.

Maximum Number of Hours

No student in this college may enroll for more than 17 semester hours, plus one hour physical education, unless his standing for the previous semester was at least B in two-third of his studies, with no grade below C; and then only by presenting a written petition to the Committee on Scholarship, who may, in their discretion, grant permission to enroll for extra work up to a maximum of 19 hours.

Extra-Curricular Activities for Teachers

In choosing teachers, principals and superintendents are always anxious to find candidates who are able to handle extra-curricular activities, or who have developed some particular ability which will contribute to the life of the school. From the point of view of getting a position and becoming indispensable after the position has been secured, such specialized abilities as those which enable teachers to direct glee clubs, coach athletic and debating teams, manage student publications, and sponsor school clubs of various kinds, are extremely important. There are many opportunities at the University for securing training and experience in these fields. It is strongly recommended that prospective teachers take advantage of them.

Practice Teaching Facilities

The College of Education has made arrangements with the Albuquerque public school authorities whereby student teaching is carried on under the personal direction of selected teachers, who act as critic teachers under the general direction of a professor of education in the College of Education.

The facilities of the city school system furnish an excellent opportunity for students to work in a practical laboratory where the principles and best practice in teaching can be exemplified and applied. The practice teaching is correlated with the subjects taught in the University.

Laboratories

Laboratory for the Department of Secondary Education.—The facilities of the Department of Secondary Education have been materially increased by the equipment of a workroom, or laboratory, in which will center all work connected with the professional training of high school teachers. The major publishing houses are keeping this room supplied with the textbooks and other materials of secondary

education with which students will wish to become familiar. Here, too, will be found various types of research materials for students in this department.

Laboratory and Materials for the Department of Elementary Education.—A large workroom is available for students. It is equipped with apparatus and materials to assist in constructing units of work for practice teaching and classwork.

Longfellow School.—Through a co-operative arrangement with the Albuquerque Public Schools, the University is enabled to use the Longfellow School for demonstration and practice teaching. Here in typical situations the beginning teacher is assisted in solving her problems by experienced critic teachers. The work is under the direction of the principal, and director of practice teaching of the College of Education.

Placement Bureau

A placement bureau, one function of which is to assist students and graduates of the University in obtaining positions in the teaching profession, is maintained by the University. The bureau aims to keep on file a complete record of the scholarship, experience, and personal qualifications of each candidate for a position. Copies of these records will be mailed to school officials at their request or at the request of the candidates concerned. Officials seeking teachers should be explicit in their requests, stating the nature of the work to be done, the length of the school year, the approximate salary offered, the approximate cost of board, and the time when the engagement begins. Whenever a notice of a vacancy is received, the Placement Bureau will recommend the best available person for the position. The University reserves the right to refuse to extend its co-operation to students who apply for positions for which they are manifestly unfit.

The Placement Bureau will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

Blanks for registration may be obtained from the Placement Bureau. Registration must be renewed yearly, preferably during February or March. Communications should be addressed to the Placement Bureau.

Extension Division

The Extension Division of the University is a member of the National University Extension Association and is under the supervision of the College of Education. A special bulletin has been issued, giving regulations and information concerning courses offered.

For further information, address the director of the Extension Division.

Requirements for Graduation

Upon the completion of all specified requirements, candidates for degrees in the College of Education who major in educational administration or in the sciences receive the degree of Bachelor of Science in Education; those who major in physical education receive the degree of Bachelor of Science in Physical Education; and those who major in other subjects receive the degree of Bachelor of Arts in Education.

Candidates for degrees in the College of Education are required to comply with the following regulations:

1. It is the opinion of the faculty of the College of Education that candidates for the teaching profession should maintain at least an average scholarship record. Therefore, beginning with the junior year, students will be required to maintain as many grade points as hours accumulated toward graduation. Failure to do so will cause the student to be recommended for suspension from the College of Education at the end of any semester.
2. A student who plans to be a high school teacher should complete a major and a minor in subjects usually taught in high schools.
3. A major is the principal subject which the student desires to teach in high school. It consists of a minimum of twenty-four semester hours above freshman grade in the subject selected. It must be chosen with the advice of the dean.
A minor should be selected in a subject which the student plans to teach, and, whenever possible, the student should secure a second minor. The specific requirements for majors and minors are listed under the several departments; the work in these fields must be of at least C quality, and courses in which the grade of D is earned are accepted only as electives.
4. A student who intends to take the four-year curriculum for elementary school teaching is advised to select both his major and his minor from the following fields: English, history, biology, anthropology, geology, and sociology. All natively English-speaking students who plan to teach in New Mexico are advised to minor in Spanish.
5. Students preparing to teach should follow the curricula as outlined. A minimum of 128 semester hours, including physical education, is required for graduation. This amount is based upon an average quality of work done. (See page 39). Ninety hours of the total must be C grade or better, and, in addition, students transferred from other institutions must make a grade of C or better in three-fourths of the hours earned in the University of New Mexico.

6. In addition to the required work in majors and minors, professional courses in education are required as outlined in the various curricula. All candidates for degrees are required to take a course in observation and practice teaching.
7. Students who desire to prepare for administrative or supervisory positions should major in the curriculum for administrators and supervisors, and should minor in some subject which has bearing upon their chosen field of work.
8. Each candidate for a degree must complete at least 40 semester hours in courses numbered above 100.
9. No student shall be recommended for graduation unless he shows ability to write clear and correct English.
10. For minimum residence requirements, see page 40.

Group Requirements

Students must complete the following requirements in the various groups. As much of this work as possible should be done in the freshman and sophomore years, and professional work and major and minor requirements should be completed in the junior and senior years. For required courses in physical education and Philosophy 1 (Orientation) see page 40.

- I. **English.**—As evidence of proficiency in oral and written English, a student must earn 12 semester hours. Six hours must be earned in English 1 ab, and 6 additional hours must be earned in courses numbered above 50. (In the elementary curriculum, these additional hours must be in literature.)
- II. **Foreign Language.**—(a) A student who has been admitted with no credit in a foreign language, or who begins a language in which he has done no work in high school, is required to complete 12 hours in one foreign language. (b) A student admitted with one unit in a foreign language must earn 9 credit hours in courses above the first semester's work if he continues the same language. (c) A student admitted with two or more units in one language must earn 6 semester hours if he continues the same language. (d) A student admitted with three or more units in one language may have the privilege of taking a proficiency examination, which, if passed satisfactorily, will exempt him from further language requirements. (e) Substitutions may be made as follows:
 - (1) Administrators and supervisors may substitute an equal number of hours of professional subjects.
 - (2) High school and elementary teachers may substitute an equal number of hours in their major and minor fields in addi-

tion to the regular requirements. This additional work must be of C grade or better.

- III. **Social Studies.**—Nine semester hours (not more than 6 from one department) must be completed in approved* courses in the Departments of Anthropology, Economics, History, Government and Citizenship, Philosophy, or Sociology. A student admitted with less than one unit in social science is required to complete twelve hours in this group.
- IV. **Mathematics and Sciences.**—Eleven semester hours (not more than 8 from one department, and including 6 hours in courses that require laboratory work) must be completed in approved* courses in the Departments of Biology, Chemistry, Geology, Home Economics, Mathematics, Physics, or Psychology. A student admitted with high school deficiencies in both mathematics and science is required to complete a total of 17 hours in this group.

Curricula

The following curricula have been outlined for the purpose of directing students in their chosen fields of work. There are curricula for students preparing to teach in high schools, and for students who wish to teach in the elementary schools. Courses are also outlined for students who plan to leave the University at the end of the second year and qualify for the Professional Elementary Certificate.

Special curricula are provided for students preparing to teach music, physical education, or home economics in public schools.

Curriculum for Students Preparing to Teach in High School.—(Leading to the degree of Bachelor of Arts in Education or Bachelor of Science in Education.)

First Year			
First Semester		Second Semester	
English 1 a	3	English 1 b	3
Education 31	2	Mathematics or Science	3-4
Mathematics or Science	3-4	Social Studies	3
Social Studies	3	†Foreign Language	3
†Foreign Language	3	Physical Education	1
Philosophy 1	2	Electives	3
Physical Education	1		
Second Year			
English	3	English	3
Psychology 51 L	3	‡Education 54 (Psychology)	3
Social Studies	3	†Foreign Language	3
†Foreign Language	3	Physical Education	1
Physical Education	1	Electives or Science	6-7
Electives	3		

*For approved courses see Departments of Instruction.

†For substitution, see Group Requirements for Graduation.

‡If not taken during the sophomore year, an advanced course must be substituted according to the advice of the Dean.

Third Year

*Education 101	3	*Education 102	3
Education 141	3	Education 153	3
Majors and Minors	10-11	†Teachers' Course	3
		Major and Minors	10-11

Fourth Year

†Teachers' Course	3	Education 156	5
Majors and Minors	13	Majors and Minors	11

Curricula for Students Preparing to Teach in the Elementary Schools.—(Leading to the degree of Bachelor of Arts in Education or Bachelor of Science in Education.)

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Education 31	2	Education 42	3
‡Foreign Language	3	‡Foreign Language	3
Mathematics or Science	3-4	Mathematics or Science	3-4
Social Studies	3	Social Studies	3
Philosophy 1 (Orientation)	2	Physical Education	1
Physical Education	1		

Second Year

English Literature	3	English Literature	3
Psychology 51 L	3	§Education 54 (Psychology)	3
Education 61	3	Education 62	3
‡Foreign Language	3	‡Foreign Language	3
Mathematics 1	3	Health Education	2
Physical Education	1	Social Studies	3
		Physical Education	1

Third Year

Education 107	2	Education 174	3
Education 91 or 131	3	Majors and Minors	12-14
Majors and Minors	10-12		

Fourth Year

Education 123	3	Education 136	5
Majors and Minors	12-14	Majors and Minors	8-10

Students who plan to leave the University at the end of their second year to teach in the elementary schools of New Mexico should take the following courses:

*One of these courses is required.

†One teachers' course, according to advice of the Dean.

‡For substitution, see Group Requirements for Graduation.

§If not taken during the sophomore year, an advanced course must be substituted according to the advice of the dean.

Second Semester		First Year		First Semester	
English 1 a	3	English 1 b	3	English 1 b	3
Education 31	2	Education 42	3	Education 42	3
†Foreign Language	3	†Foreign Language	3	†Foreign Language	3
Mathematics or Science	3-4	Mathematics or Science	3-4	Mathematics or Science	3-4
Social Studies	3	Social Studies	3	Social Studies	3
Philosophy 1 (Orientation)	2	Physical Education	1	Physical Education	1
Physical Education	1				

Second Year		Second Year	
English Literature	3	English Literature	3
Psychology 51 L	3	Education 54 (Psychology)	3
Education 91 or 131	3	Health Education	2
Education 61	3	Education 62	3
Mathematics 1	3	Education 64	4
Physical Education	1	Physical Education	1

Curricula for Men Students Preparing to Be Physical Directors in High Schools.—Outlined for men preparing to teach physical education. This curriculum leads to the degree of Bachelor of Science in Physical Education.

First Semester		First Year		Second Semester	
English 1 a	3	English 1 b	3	English 1 b	3
Chemistry	3-4	Chemistry	3-4	Chemistry	3-4
Physical Education 21	2	Physical Education 22	2	Physical Education 22	2
Education 31	2	Biology 1 L	4	Biology 1 L	4
Social Studies	3	Social Studies	3	Social Studies	3
Philosophy 1 (Orientation)	2	Physical Education	1	Physical Education	1
Physical Education	1				

Second Year		Second Year	
English 55	3	English 58	3
Psychology 51 L	3	*Education 54 (Psychology)	3
Physical Education 61	2	Physical Education 62	2
Biology 97 L	4	Physical Education	1
Physical Education	1	Electives	7
Electives	3-4		

Third Year		Third Year	
Biology 93 L	4	†Education 102	3
Education 141	3	Biology 104 L	4
†Education 101	3	Education 153	3
Minor or Electives	6-7	Physical Education 102	2
		Physical Education 161	2
		Minor or Electives	4-5

†Optional.

*If not taken during the sophomore year, an advanced course must be substituted according to the advice of the Dean.

†One of these courses is required.

Fourth Year

Physical Education 101	2	Physical Education 162	3
Physical Education 135	2	Physical Education 136	2
Physical Education 167	3	Education 156	5
Physical Education 183 a	2	Physical Education 183 b	2
Minor or Electives	7-8	Physical Education 172	3
		Physical Education 186	2

The following minors in physical education have been outlined for men:

Athletic Coaching.—Twenty-five semester hours. This minor is offered to qualify men to meet the demands of high schools and colleges for coaches and athletic supervisors who are also prepared to teach some academic subject. Practical work which is required, but given no academic credit, is to be arranged at the discretion of the department according to the student's needs.

Physical Education 21	2	Physical Education 172	3
Physical Education 22	2	Biology 1 L	4
Physical Education 61	2	Biology 93 L	4
Physical Education 62	2	Biology 104 L	4
Physical Education 136	2		

Formal Physical Education.—Twenty-five credit hours. This minor is intended to meet the needs of those students who wish to combine the teaching of physical education with their major subjects.

Physical Education 21	2	Physical Education 172	3
Physical Education 101	2	Biology 1 L	4
Physical Education 102	2	Biology 93 L	4
Physical Education 135	2	Biology 104 L	4
Physical Education 161	2		

Curriculum for Women Students Preparing to Teach Physical Education.—Designed for the training of teachers and supervisors of physical education. The curriculum leads to the degree of Bachelor of Science in Physical Education. Only students in satisfactory physical condition may take the course. Before registering, students should consult the curriculum adviser.

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Chemistry	3-4	Chemistry	3-4
Education 31	2	Biology 1 L	4
Social Studies	3	Social Studies	3
Philosophy 1 (Orientation)	2	Physical Education	1
Physical Education	1		

Second Year

English	3	English	3
Psychology 51 L	3	*Education 54 (Psychology)	3
Physical Education 65 a	2	Physical Education 65 b	2
Biology 97 L	4	Physical Education	1
Physical Education	1	Electives	6-7
Electives	3		

Third Year

Biology 93 L	4	Biology 104 L	4
Education 141	3	Education 153	3
Physical Education 105 a	3	Physical Education 105 b	3
Physical Education 107 a	2	Physical Education 107 b	2
‡Education 101	3	Physical Education 161	2
Minor or electives	2	Home Economics 104	2
		‡Education 102	3

Fourth Year

Physical Education 155 a	3	Physical Education 155 b	3
Physical Education 157	4	Physical Education 172	3
Physical Education 167	3	Physical Education 166	3
Minor or electives	6-7	Education 156	5
		Minor or Electives	2-3

Curriculum for Students Preparing to Teach Home Economics.—
Designed for students preparing to teach home economics in high schools, and leading to the degree of Bachelor of Science in Education.

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Education 31	2	Chemistry 1 b and 1 bL	4
Chemistry 1 a and 1 aL	4	Art 1 b	3
Art 1 a	3	Home Economics 12 L	2
Philosophy 1 (Orientation)	2	Home Economics 14 L	3
Home Economics 11	3	Physical Education	1
Physical Education	1		

Second Year

‡English 65	3	‡English 63	3
Biology 1 L	4	*Education 54 (Psychology)	3
Physics 61	3	Chemistry 68 L	3
Psychology 51 L	3	Home Economics 53 bL	3
Home Economics 53 aL	3	Home Economics 63 bL	2
Home Economics 63 aL	2	Home Economics 68	2
Home Economics 67	1	Physical Education	1
Physical Education	1		

*If not taken during the sophomore year, an advanced course must be substituted according to the advice of the Dean.

‡One of these courses is required.

Third Year

Education 141	3	Education 153	3
Home Economics 127	4	Home Economics 182 L	4
Economics 105	3	Elective in English	3
Biology 97 L	4	Biology 93 L	4
Electives	2	Electives	2

Fourth Year

Electives in Education	3	Education 156	5
Home Economics 107 L	3	Home Economics 182	3
Home Economics 138	3	Home Economics 196	1-2
Education 155 d	3	Electives	6-7
Electives	4		

Curricula for Music Education.—The following courses will satisfy the requirements for a major study in Music Education for Elementary School Teachers. Candidates must also complete a minor study.

Music 3 ab	4	Education 131, 155 f	6
Music 13 ab	4	Dramatic Art 30 a	2
Music 161 ab	4	Dramatic Art 40	2
Music 163 ab	4	Ensemble Music	4
		Applied Music	8

The following courses will satisfy the requirements for a major study in Music Education for High School Teachers. Candidates must also complete a minor study.

Music 3 ab	4	Education 131, 155 f	6
Music 13 ab	4	Dramatic Art 30 a	2
Music 105 ab	4	Dramatic Art 40	2
Music 161 ab	4	Dramatic Art 90 a	2
Music 163 ab	4	Ensemble Music	4
Music 177 ab	4	Applied Music	8

The following music courses will satisfy the requirements for a minor in Music Education.

Music 3 ab	4	Education 131, 155 f	6
Music 13 ab	4	Applied Music	4
Music 161 ab or 163 ab	4	Ensemble Music	4

Curriculum for Administrators and Supervisors.—Twenty-four semester hours of work in courses numbered above 50 are necessary for a major. The following courses will satisfy the requirements for a major study in administration and supervision. Candidates must also complete a minor study.

Educational Psychology	3	City School Administration	3
History of Education	3	State School Administration	3
Mental Measurements	3	Supervision of Elementary Education	3
Educational Tests and Statistics	3	New Mexico School Law	3

COLLEGE OF FINE ARTS

Purpose and Function

The objects and aims of the College of Fine Arts are to stimulate a greater interest in the arts; to make a better use of the unique facilities in the arts an opportunity to do so; and to co-ordinate more efficient development of the arts; to give those students who desire to specialize in the arts an opportunity to do so; and to co-ordinate more efficiently the work in architecture, dramatics, music, and painting.

Departments and Degrees Offered

As constituted, the departments of this college are: Architecture, Art (Painting and Design), Dramatic Art, and Music.

Courses leading to the degrees of Bachelor of Fine Arts in Dramatic Art, Music, and Art are offered.

Graduation Requirements

Candidates for degrees must complete all requirements outlined in the respective curricula. Ninety hours must be of C grade or better; and, in addition, students transferred from other institutions must make a grade of C or better in three-fourths of the hours earned in the University of New Mexico.

Curricula

Curriculum in Dramatic Art.—(Leading to the degree of Bachelor of Fine Arts in Dramatic Art. Hours required for graduation, 141.)

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Foreign Language	3	Foreign Language	3
Art 1 a	3	Dramatic Art 1 b	3
Dramatic Art 1 a	3	Dramatic Art 30 b	2
Dramatic Art 30 a	2	Dramatic Art 40	2
Philosophy 1	2	Science or Social Science	3-4
Dramatic Art 3 a	2	Dramatic Art 3 b	2

Second Year

English 53 a or 57 a	3	Elective in Literature	2
English 61	3	Foreign Language	3
Foreign Language	3	Science or Social Science	3-4
History 1 a	3	History 1 b	3
Dramatic Art 70 a	2	Dramatic Art 70 b	2
Dramatic Art 80 a	2	Dramatic Art 80 b	2
Dramatic Art 90 a	2	Dramatic Art 90 b	2

Third Year

English 147 or 149	2	English elective	2
Dramatic Art 130 a	3	Dramatic Art 130 b	3
Dramatic Art 140 a	3	Dramatic Art 140 b	3
Dramatic Art 160 a	3	Dramatic Art 160 b	3
Physical Education (Fencing)	1	Physical Education (Fencing)	1
Electives	6-7	Electives	6-7

Fourth Year

English elective	3	English 143 or 148	3
Dramatic Art 180 a	3	Dramatic Art 180 b	3
Dramatic Art 199 a	2	Dramatic Art 199 b	2
Physical Education (Fencing)	1	Physical Education (Fencing)	1
Electives	8-10	Electives	8-10

The student is advised to choose his electives largely from fields closely allied to dramatic art, such as literature, either English or foreign, especially courses in Greek, Spanish, and French drama, or the European drama after Ibsen; from cultural subjects in the Department of Music; and from courses in design in the Department of Art.

In physical education, the student is advised to take as much dancing and fencing as he can secure.

Curriculum in Music—Vocal or Instrumental.—(Leading to the degree of Bachelor of Fine Arts in Music. Hours required for graduation, 143.)

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Modern Language	3	Modern Language	3
Music 1 a (Applied)	4	Music 1 b (Applied)	4
Music 3 a	2	Music 3 b	2
Music 13 a	2	Music 13 b	2
Philosophy 1	2	Science or Social Science	3-4
Ensemble Music	1	Ensemble Music	1
Physical Education	1	Physical Education	1

Second Year

English 53 a	3	English 53 b	3
Modern Language	3	Modern Language	3
Music 51 a (Applied)	4	Music 51 b (Applied)	4
Music 53 a	2	Music 53 b	2
Music 63 a	2	Music 63 b	2
Music 71 a	2	Music 71 b	2
Ensemble Music	1	Ensemble Music	1
Physical Education	1	Physical Education	1

Third Year

Modern Language	3	Modern Language	3
History 1 a	3	History 1 b	3
Music 101 a (Applied)	4	Music 101 b (Applied)	4
Music 105 a	2	Music 105 b	2
Music 161 a	2	Music 161 b	2
Ensemble Music	1	Ensemble Music	1
Electives	3	Electives	3

Fourth Year

Modern Language	3	Modern Language	3
Music 151 a (Applied)	4	Music 151 b (Applied)	4
Music 152 a	2	Music 152 b	2
Music 163 a	2	Music 163 b	2
Music 190 a	2	Music 190 b	2
Ensemble Music	1	Ensemble Music	1
Electives	3-5	Electives	3-5

Students majoring in an instrument may substitute 12 hours of electives for the last two years of foreign language.

Students are advised to choose their electives from fields allied to music, such as history of art; design; dramatic history; and literature, English or foreign.

Curriculum in Art—Painting and Design.—(Leading to the degree of Bachelor of Fine Arts in Art (Painting and Design). Hours required for graduation, 142.)

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Foreign Language	3	Foreign Language	3
History 1 a	3	History 1 b	3
Art 1 a	3	Art 1 b	3
Art 45 a	3	Art 45 b	3
Philosophy 1	2	Art 32	2
*Dramatic Art 3 a	2	*Dramatic Art 3 b	2

Second Year

Foreign Language	3	Foreign Language	3
Elective in Science or Social Science	4	Elective in Science or Social Science	4
Art 51 a	2	Art 51 b	2
Art 52 a	3	Art 52 b	3
Art 63 a	3	Art 63 b	3
Art 81	2	Elective in Literature	3
Physical Education	1	Physical Education	1

Third Year

Art 131 a	3	Art 131 b	3
Art 151 a	2	Art 151 b	2
Art 163 a	3	Art 163 b	3
Electives	9-10	Electives	9-10

*Satisfies physical education requirement.

Fourth Year

Art 151 c	2	Art 151 d	2
Art 152 a	3	Art 152 b	3
Art 163 c	3	Art 163 d	3
Electives	9-11	Electives	8-10

Students are advised to choose their electives from allied fields, such as architectural history, history of music, dramatic literature, or English and foreign literatures.

Pre-Architectural Curriculum.—

First Year

First Semester		Second Semester	
English 1 a	3	English 1 b	3
Mathematics 15	3	Mathematics 22	3
Mathematics 16	3	Architecture 13 b	2
Architecture 13 a	2	Architecture 27 b	3
Architecture 27 a	3	Art 45 b	3
Art 45 a	3	Electives in Art	3-4
Engineering 51 L	2	Physical Education	1
Physical Education	1		

Second Year

Mathematics 53	4	Mathematics 54	4
Physics 51 aL	5	Physics 51 bL	5
Architecture 53 a	2	Architecture 53 b	2
Architecture 57 a	4	Architecture 57 b	4
Architecture 61	1	Engineering 60	3
Art 63 a	3	Physical Education	1
Physical Education	1		

GENERAL COLLEGE

The General College has been planned in terms of two-year programs. It makes provision for rather large numbers of students who, for one reason or another, do not find the four-year course advisable. Some of these groups are:

1. Those who are interested in general, instead of specialized, types of knowledge. Students of this sort prefer an overview of a field with emphasis upon general principles rather than upon techniques and details, and are to be taken care of to a large extent by survey courses. Even specialists in one field of knowledge, however, will find use for comprehensive surveys in others.

2. Those who wish to "explore." Interest in one or more of the fields of knowledge is a prime factor in college success; and this interest, together with greater efficiency in mental habits, can often be fostered through exploration.

3. Those who desire distinctly vocational courses of the semi-professional nature. Many capable young people want courses that lead to definite vocational techniques, even though they are not interested in general academic training.

4. Adults who have no interest in degrees or in technical courses, but who desire information and guidance in general or practical fields.

5. Finally, there are those young people who know from the beginning that either for financial or other reasons they must place a time limit upon their higher education. They may prefer either the general or the vocational type of training, but they are forced to look for that from which they can derive the most nearly finished and comprehensive results in less than four years.

Admission Requirements

For admission requirements to the General College, refer to pages 24-25. Applicants for admission are held to the regulations as set down in the general admission section, except that the Committee on Entrance and Credits may accept an individual who has been recommended by the General College Committee for special consideration.

A student with more than 60 semester hours, exclusive of physical education, is not permitted to enter the General College.

Scholarship Regulations

For scholarship regulations applying to the General College, see page 37.

Completion of Course

Sixty-four hours of passing work, exclusive of non-theory courses in physical education, must be completed in order to fulfill the requirements for the General College diploma. Normally, this work will be divided into four semesters of 16 hours each. As indicated below, 26 hours of the total must be in the form of required courses, the remainder to be elected from courses offered in the General College, subject to the approval of advisers and the Dean. In special vocational curricula, however, this amount of election is not possible. In all cases, the degree of proficiency attained by the student in his various courses will be indicated upon the diploma.

Required Subjects

The general outline of the two-year curriculum follows:

First Year			
First Semester		Second Semester	
English XG	3	†English or Mathematics	3
*Natural Science	3	*Natural Science	3
‡From Group A	2	‡From Group B	2
Skills and Electives	8	Skills and Electives	8
Second Year			
History 1 aG	3	History 1 bG	3
‡From Group C	2	‡From Group D	2
Skills and Electives	11	Skills and Electives	11

Courses Offered

For courses offered in the General College, see Departments of Instruction, page 89. Those marked with the asterisk (*) or the dagger (†) are open to General College students.

Special Vocational Curricula

Special vocational curricula of two years' duration have been provided by the General College, as described below. It is to be understood that completion of one of these courses does not guarantee employment to the student nor does it enable him to enter a given vocation on the strength of the diploma alone. The goal of the General Col-

**Natural Science*—Choice of: Mathematics 52 G, Biology 5 aG-bG, Chemistry 5 aG-bG, Geology 1 G-2 G, Psychology 1 aGL-bGL.

†*English or Mathematics*—Choice of: Business 5 G, English 1 a, Mathematics 14 G.

‡*Group A*—Choice of: Government 1 aG, Spanish 49 aG, Philosophy 1 G, Home Economics 25 G.

‡*Group B*—Choice of: Government 1 bG, Home Economics 26 G, Health 2 G, Spanish 49 bG.

‡*Group C*—Choice of: Music 71 aG, Health 1 G, Philosophy 31 G, Spanish 31 G.

‡*Group D*—Choice of: Music 71 bG, History 31 G, Spanish 32 G, Philosophy 40 G.

lege is to provide a certain number of students with practical training on the college level, combined with a degree of the social and cultural outlook of the academic institution of higher rank.

Strict adherence to the curriculum outline is necessary to the earning of the special diploma to be issued at its successful conclusion. Slight variations may be arranged in some cases through the student's adviser and the Dean of the College.

Art			
First Year			
First Semester		Second Semester	
English XG	3	*English or Mathematics	3
*Natural Science	3	*Natural Science	3
*From Group A	2	*From Group B	2
Art 1 aG	3	Art 1 bG	3
Art 45 aG	3	Art 32 G	2
Below 100—Art Elective	2	Art 45 bG	3
Second Year			
*From Group C	2	*From Group D	2
History 1 aG		History 1 bG	
or		or	
Art 52 aG	3	Art 52 bG	3
Art 51 aG	2	Art 51 bG	2
Art 63 aG	3	Art 63 bG	3
Art 71 aG	2	Art 71 bG	
or		or	
Art 85 aG	3	Art 85 bG	3
Art 75 aG		Art 75 bG	
or		or	
Art 133 aG	3	Art 133 bG or Art 66 G	2-3

General Business

(Business subjects are listed under the Department of Economics and Business Administration.)

First Year			
First Semester		Second Semester	
English XG	3	*Natural Science	3
Mathematics 1 G	3	*From Group B	2
*From Group A	2	†Business 1 bG	2
†Business 1 aG	2	Business 3 bGL	3
Business 3 aGL	3	Business 5 G	3
Business 4 G	3	Economics 43 G	3

*See page 80.

†To be taken at downtown business training school.

Second Year

*Natural Science	3	History 1 bG	3
History 1 aG	3	*From Group D	2
*From Group C	2	Business 3 dGL	3
Business 3 cGL	3	†Business 7 G	3
Business 6 G	2	Business 8 bG	3
Business 8 aG	3	Elective	2

Home-Making

First Year

First Semester		Second Semester	
English XG	3	*English or Mathematics	3
*Natural Science	3	*Natural Science	3
*From Group A	2	*From Group B	2
Home Economics 5 G	3	Home Economics 6 GL	3
Home Economics 15 aGL	3	Home Economics 15 bGL	3
Home Economics 25 G	2	Home Economics 26 G	2

Second Year

History 1 aG	3	History 1 bG	3
*From Group C	2	Physical Education 161 G	2
Health 1 G	2	Home Economics 14 GL	3
Home Economics 57 GL	3	Home Economics 58 G	3
Home Economics 59 G	3	Home Economics 70 G	3
Home Economics 65 GL	3	Elective	2

Music

First Year

First Semester		Second Semester	
English XG	3	Mathematics 14 G	3
*Natural Science	3	*Natural Science	3
*From Group A	2	*From Group B	2
Theory of Music	2	Theory of Music	2
Applied Music	4	Applied Music	4
Ensemble Music	1	Ensemble Music	1
Elective	1	Elective	1

Second Year

History 1 aG	3	History 1 bG	3
*From Group C	2	*From Group D	2
Music 71 aG	2	Music 71 bG	2
Applied Music	4	Theory of Music	2
Ensemble Music	1	Applied Music	4
Theory of Music	2	Ensemble Music	1
Elective	2	Elective	2

*See page 80.

†To be taken at downtown business training school.

Recreational Leadership

First Year

First Semester		Second Semester	
English XG	3	*English or Mathematics	3
*Natural Science	3	*Natural Science	3
*From Group A	2	*From Group B	2
Health 1 G	2	Sociology 2 G	3
Sociology 1 G	3	Health 2 G	2
Physical Education 21 G	2	Physical Education 161 G	2
Physical Education (required course)	1	Physical Education (required course)	1

Second Year

History 1 aG	3	History 1 bG	3
*From Group C	2	Physical Education 102 G	
Psychology 31 G	3	or Elective	2
Physical Education 105 aG	3	Physical Education 105 bG	3
Physical Education (required course)	1	Physical Education 162 G	3
Chorus, Band, Orchestra and Dramatics	2	Physical Education (required course)	1
Elective	2	Chorus, Band, Orchestra, and Dramatics	2
		Elective	2

Radio Mechanics

First Year

First Semester		Second Semester	
English XG	3	Business 5 G	3
*From Group A	2	*From Group B	2
Mathematics 14 G	3	Mathematics 16 G	3
Engineering 1 aGL	2	Engineering 1 bGL	2
Engineering 2 aGL	3	Engineering 2 bGL	3
Elective	3	Elective	3

Second Year

History 1 aG	3	History 1 bG	3
*From Group C	2	*From Group D	2
Physics 1 aG	3	Physics 1 bG	3
Engineering 62 aGL	5	Engineering 62 bGL	5
Business 8 aG	3	Business 8 bG	3

Students who complete the two-year course as outlined will have had sufficient training to take the Federal Communication Commission radio-telephone "first" examination, to repair and maintain all classes of radio receivers, and to operate police, airway, and radio broadcast and communication systems.

*See page 80.

Sanitation

First Year

First Semester		Second Semester	
English XG	3	*English or Mathematics	3
Biology 1 GL	4	Biology 2 GL	4
Health 1 G	2	Health 2 G	2
*From Group A	2	*From Group B	2
Sociology 1 G	3	Sociology 2 G	3
Elective	2	Elective	2

Second Year

History 1 aG	3	History 1 bG	3
Health 87	2	Health 90	2
Chemistry 1 aGL	4	Chemistry 1 bGL	4
Biology 81 GL	4	Biology 93 GL	4
Spanish 1 aG or 20 G	3	Spanish 1 bG	3

NOTE: Students enrolling in this curriculum must consult the Dean of the General College for permission to enroll in the regular college courses required.

Secretarial

(Business subjects are listed under the Department of Economics and Business Administration.)

First Year

First Semester		Second Semester	
English XG	3	*From Group B	2
*From Group A	2	*Natural Science	3
†Business 1 aG	2	†Business 1 bG	3
†Business 2 aG	2	†Business 2 bG	2
Business 3 aGL	3	Business 3 bGL	3
Business 4 G	3	Business 5 G	3

Second Year

History 1 aG	3	History 1 bG	3
*Natural Science	3	*From Group D	2
*From Group C	2	†Business 1 bG	2
†Business 1 cG	2	†Business 2 dG	2
†Business 2 cG	2	†Business 7G	3
Business 6 G	2	Business 8 bG	3
Business 8 aG	3	Elective	2

Land Surveying

First Year

First Semester		Second Semester	
English XG	3	Business 5 G	3
*Natural Science	3	*Natural Science	3
Mathematics 14 G	3	Mathematics 16 G	3
Business 3 aGL	3	Business 3 bGL	3
Engineering 1 aGL	2	Engineering 1 bGL	2
Engineering 3 aGL	2	Engineering 3 bGL	2

*See page 80.

†To be taken at downtown business training school.

GENERAL COLLEGE

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Second Year

History 1 aG	3	History 1 bG	3
*From Group A or C	2	*From Group B or D	2
Business 8 aG	3	Business 8 bG	3
Engineering 61 aGL	4	Engineering 61 bGL	4
Electives	4	Electives	4

*See page 80.

GRADUATE SCHOOL

The University offers graduate work leading toward the degrees of Master of Arts and Master of Science.

Admission

Persons holding the bachelor's degree from the University of New Mexico, or the equivalent, may be admitted to the Graduate School, but admission does not imply advancement to candidacy for a higher degree. An applicant for admission to candidacy should file the necessary blanks with the Dean of the Graduate School by December 1 of the academic year in which he expects to receive his degree.

The graduate student's standing will depend upon his undergraduate preparation for the course he wishes to pursue. If the student's previous training in any department is inadequate for the performance of a satisfactory quality of graduate work, he may be admitted to further undergraduate instruction.

Transfers

Six semester hours of graduate work may be transferred from another institution if it is recognized or approved by the Association of American Universities. If the transferred credits are from an institution outside the United States or Canada, the student should consult the Dean of the Graduate School.

Requirements

The minimum residence requirement for a master's degree is one year. Each candidate for this degree must complete twenty-six units of work acceptable for graduate credit. Courses completed five years prior to the time of the oral examination will not be accepted toward the degree, without the approval of the Committee on Graduate Study. The work for the master's degree shall consist of a major of 14-18 hours in one department, and, in a separate department, a minor (or minors in closely related fields) of 8-12 hours. Six hours exclusive of the thesis must be in courses numbered above 200.

Each candidate must submit a thesis which shall give evidence of sound method and capacity for research. The thesis is supervised by a committee of three appointed by the Dean, one of whom shall be from a department other than the candidate's major.

Fifteen hours constitute the maximum load in the Graduate School. A student not expecting to become a candidate for a degree may enroll in any course for which he is prepared.

As soon as the candidate has decided upon his general field of interest, he should consult the professor in charge in regard to his program of study.

The usual prerequisite for a graduate major is an undergraduate major in the same field of study or the equivalent.

Reading knowledge of at least one foreign language is required by the Departments of Anthropology, Biology, Geology, Mathematics, and Physics.

Graduate work leading to the master's degree is offered in the Departments of Anthropology, Biology, Chemistry, Economics and Business Administration, Education, English, Geology, Government and Citizenship, Greek and Latin, History, Mathematics, Modern Languages and Literature, Physics, and Psychology.

Scholarship

Two-thirds of the total number of hours for the degree must be of A and B grade, and no grade lower than C will give credit.

Examination

A candidate for a master's degree must pass satisfactorily an oral examination in the major field and in other courses counted toward the degree. This examination shall be taken before June 1.

Extension

The University offers no graduate work by extension and it does not accept any from other institutions. A graduate student who has done satisfactory work in residence may enroll for his thesis or a problem course, not to exceed two hours, and complete the work by conferences with his instructor while engaged in teaching or some other activity, provided he has obtained, in advance, the consent of his major professor and the Dean.

Fellowships

A number of fellowships, each with a stipend of \$400 are available to graduate students. Holders of these fellowships perform certain services in the departments to which they are assigned.

Calendar

December	1	Last date for filing applications for admission to candidacy
February	15	Outline of thesis, with bibliography, to major professor
April	23	Tentative draft of thesis must be in hands of faculty committee

May	14	Completed thesis must be submitted to faculty committee for final approval
May	31	Last day for oral examinations
June	1	Two copies of the thesis shall be deposited in the Graduate Office.

Information

For further information regarding advanced work and the conditions under which higher degrees may be obtained, consult the Graduate Office.

COURSES IN DEPARTMENTS OF INSTRUCTION

On the following pages are listed the courses offered in the various departments of instruction at the University.

Classification and Numbering of Courses

Lower division courses are numbered 1-100 with courses numbered 1-50 normally open to freshmen and 51-100 normally open to sophomores; upper division courses are numbered 101-200 for juniors, seniors, and graduates; graduate courses are numbered 201-300. Graduate credit for courses listed is allowed at the discretion of the Graduate Committee. Graduate students should consult major professors and the Dean before registering. Students should select only courses in the divisions in which they are enrolled and for which they have met the prerequisites.

Courses designated by the letters a and b after the numbers are offered throughout the year. A course number followed by L indicates that part of the course is laboratory work. A course number followed by F indicates that the course is given during a field session. Courses indicated by * are open to General College students. Courses indicated by † are offered for General College credit only.

The University reserves the right to withdraw any course for which the enrollment is not sufficient to warrant the organization of a class.

Unit Value and Semester Designations

The unit value for each course is indicated for each semester by a numeral in parentheses following the descriptive title. A semester hour corresponds to one hour of the student's time weekly during a semester in addition to the time required in preparation therefor, or two or three hours of time weekly in laboratory.

The symbol I indicates that the course is offered the first semester of the year; II, second semester; I, II, both first and second semesters; and Yr., throughout the year. A statement following the descriptive title is given to indicate year courses for which no credit is allowed unless both semesters are completed.

In cases where the course number or title has been changed, the previous number or title is shown in brackets.

DEPARTMENT OF ANTHROPOLOGY

Professor Hewett; Associate Professor Brand (Head); Assistant Professors Fisher, Hawley, M. Miller; Assistant Hibben; Graduate Fellows Bliss, Senter.

The material dealt with in the Department of Anthropology falls into the divisions of physical anthropology or somatology, archaeology, ethnology and ethnography, anthropo-geography, and linguistics. Those planning to do graduate work in any of these fields should consult the Head of the Department.

Group Requirements

Courses in Anthropology, other than 40 L and 66 L, are accepted toward fulfilling the requirements of Group III.

Major Study

Anthropology 1 ab; Biology 1 L and 2 L; English 61, 63, or 65; Geology 1 and 2 or Anthropology 3 ab; and 30 more hours within the department, including Anthropology 62; 81; 105; 182, 183 or 184; 75 F or 175 F; 188; 193; and 9 elected upper division hours. Major students, at the close of their senior year, must pass a comprehensive subject examination (written and oral) based on courses 1 ab, 62, 81, 105, 188, 193, the elected archaeologic courses, and the required reading for the degree. Also, during his senior year, a major student must demonstrate, by written examination, proficiency in one foreign language, or intermediate knowledge of two foreign languages, to be selected from Spanish, French, and German.

Minor Study

Twelve hours in addition to Anthropology 1 ab (8 hours).

Primarily for Freshmen and Sophomores

- *1 ab. General Anthropology. (4-4) Yr. The introductory and basic course for the field of anthropology. Three lectures and 2 hours of section work per week.
- *3 ab. Anthro-geography. (3-3) Yr. The inter-relationships of man and the earth. Course 3 a may be taken separately, but course 3 a or the equivalent is prerequisite to 3 b.
- *5. Anthro-geography of New Mexico. (3) I.
- *7. Archaeological History of the Southwest. (3) I. A non-technical course not credited toward the major or minor in Anthropology.
- 39 L. Museums and Their Work. (2) I. Museum administration, publicity, exhibition, and curatorial work.

- 40 L. **Museum Methods.** (2) II. The study and treatment of museum and field material.
62. **Archaeology of the Southwest.** (3) II. Field trips required. Prerequisite: Anthropology 1 ab or equivalent.
- 66 L. **Archaeologic Field Technique.** (2) II. Methods and materials involved in excavations; field surveying and recording; care of archaeologic material in the field.
- 75 F. **General Field Session.** (4) August. The beginning summer field course in archaeology, ethnology, and anthropo-geography. Prerequisite: Anthropology 1 ab or consent of director. See Field Sessions Bulletin.
81. **Ethnology of the Southwest.** (3) I. Field trips required. Prerequisite: Anthropology 1 ab or equivalent.
82. **Social Anthropology.** (3) II. Primitive society, social organization, religion, law; a study of certain types and areas. Prerequisite: Anthropology 1 ab.
97. **Introduction to Classical Archaeology.** (2) I.

For Juniors, Seniors, and Graduates

General prerequisite: Anthropology 1 ab or equivalent.

101. **Culture Growth.** (3) I. The nature of culture, methods of inferring culture development, diffusion, independent origin, assimilation of culture traits, the criteria of culture growth.
103. **Chronology in Archaeology.** (2) I. Evaluation of dating techniques in prehistory. Recommended: Anthropology 62.
- 104 L. **Dendrochronology.** (3) II. The science of tree ring studies applied to archaeologic problems. Prerequisite: Anthropology 103. One lecture and two 2-hour laboratory periods per week.
105. **The American Indian.** (3) I. The aboriginal peoples and cultures in the Americas.
- 108 L. **Physical Anthropology.** (3) II. Recommended: a reading knowledge of German. Two lectures and two 1-hour laboratory periods per week. (Offered in 1938-1939 and alternate years.)
110. **Southwestern Pottery.** (2) II. Historical development of ceramic art in the Southwest. Recommended: Anthropology 62 and 103. (Not offered in 1937-1938.)
111. **European Prehistory.** (3) I. Early types of Old World man. Development as shown in physical and cultural remains.

119. **Races and Cultures of Europe.** (2) I. Physical environment and historical development; evolution of culture areas. Recommended: Anthropology 3 ab.
143. **Primitive Arts and Crafts.** (3) I. Origin, history, and distribution of fundamental primitive arts and crafts. Recommended: Anthropology 81 and 82.
162. **Archaeology of the Old World.** (3) II. An interpretation of the more important Old World civilizations through the ancient remains.
171. **Pueblo Government and Social Structure.** (2) I. Field trips required. Recommended: Anthropology 62, 81, and 82.
172. **Pueblo Theology and Ceremonialism.** (2) II. Field trips required. Recommended: Anthropology 62, 81, and 171.
- 174 L. **Advanced Dendrochronology.** (2) I or II. Prerequisite: Anthropology 104 L.
- 175 F. **General Field Session.** (4) August. Advanced work for upper division and graduate students. See Field Sessions Bulletin.
182. **American Archaeology: North America.** (3) II. The pre-European cultures of the lands north of Mexico. Recommended: Anthropology 3 ab, 62, 81, and Geology 54.
183. **American Archaeology: South America.** (3) I. The various "Andean" cultures receive major consideration. Recommended: Anthropology 3 ab and 62.
184. **American Archaeology: Mexico, Central America, and the West Indies.** (3) II. Recommended: Anthropology 3 ab, 62, and 183.
188. **Cultural Geography of the World.** (3) II. The natural divisions of the world, and their utilization under different cultural systems. Recommended: Anthropology 3 ab, 5, and 119.
190. **Social Organization.** (3) II. The social organization of primitive peoples. Recommended: Anthropology 81 and 82.
- 191 ab. **General Linguistics and Theory of Language.** (2-2) Yr. Elements and theories of linguistics; distribution of major linguistic groups. (Offered in 1938-1939, alternately with Philosophy 195 ab.)
193. **Senior Seminar.** (2) I. Required of all senior majors in Anthropology. History of anthropology.
- 195 F. **Field Sessions.** (4-6) Summer field course in four sections: (a) in Central and Southern Mexico; (b) in Central America; (c) in South America; (d) in Northern Mexico. Prerequisites:

Anthropology 62 or equivalent, and Anthropology 75 F or 175 F or equivalent. See Field Sessions Bulletin.

198. **History of Religions.** (3) II. Primitive beliefs, and evolution of the world religions.
- 199 F. **Field Sessions.** (2-6). Summer field course in Chaco Canyon or at other Southwestern sites. Prerequisites: Anthropology 62 or equivalent; and Anthropology 75 F, 175 F, or 195 F. See Field Sessions Bulletin.

For Graduates Only

205. **Pro-Seminar.** (2) I. Introduction to research. Required of all graduate students in Anthropology. Recommended: reading knowledge of French or German, preferably both.
206. **Seminar: General Ethnology and Ethnography.** (2) I.
225. **Seminar: Anthro-po-geography.** (2) II.
- 251 ab. **Problems.** (2-2) Yr.
294. **Seminar: Southwestern Archaeology.** (2) II.
300. **Thesis.** I, II.

DEPARTMENT OF ARCHITECTURE

Part-time Instructor Burk (Acting Head).

A pre-architectural course of two years' duration is given for the purpose of fitting the student to enter a professional school. (See page 78.)

- 13 ab. **Architectural History.** (2-2) Yr. From the prehistoric through the Roman period.
- 27 ab. **Architectural Design.** (3-3) Yr. Architectural drafting, analytic problems, and rendering in wash. Three 3-hour periods per week.
- 53 ab. **Architectural History.** (2-2) Yr. From the Early Christian period through the Gothic period. Prerequisite: Architecture 13 ab.
- 57 ab. **Architectural Design.** (4-4) Yr. Class B problems, architectural drafting, and advanced rendering. Prerequisite: Architecture 27 ab. Four 3-hour periods per week.
61. **Architectural Office Practice.** (I) I. The mechanics, theory, and ethics of the profession.

DEPARTMENT OF ART (PAINTING AND DESIGN)

Instructors Douglass (Acting Head), Del Dosso, Sedillo-Brewster;
Part-time Instructor Jonson, Mozley; Special Lecturer Chapman.

See pages 77-78 for outline of curriculum in College of Fine Arts.

Major Study in College of Arts and Sciences

Art 1ab, 25, 45 ab or 51 ab, 52 ab, 152 ab, and 3 hours elective in literature, with 12 additional hours in a special field such as painting, design, sculpture, or commercial art. One summer in the School of Art at Taos is recommended.

Minor Study in College of Arts and Sciences

Art 1 ab, 52 ab, and 15 additional hours.

Major Study in College of Education

Art 1 ab, 25, 45 ab or 51 ab, 52 ab, 71 a, 75 ab or 133 ab, 152 ab, and Education 91 or 155 a. One summer in the School of Art at Taos is recommended.

Minor Study in College of Education

Art 1 ab, 52 ab, 133 a, and Education 91 or 155 a, and 6 additional hours.

General College

Students in the General College who can show evidence of the proficiency necessary to enter advanced courses will be admitted subject to the approval of the instructor.

School of Art at Taos—June 14 to August 7, 1937

Critic artists (see Faculty of the University). Credit may be earned in Art 45 ab, 51 ab, 63 ab, 133 ab, 151 abcd, 163 abcd, or 191 ab. For further information address Registrar, University of New Mexico.

School of Indian Art at Santa Fe—August 2-28, 1937

Daily lectures and research work in design from the large Indian Arts Fund collection in the Laboratory of Anthropology. Conducted by Kenneth Chapman. Credit may be earned in Art 25, 125, or 191 ab. For additional information address Registrar, University of New Mexico.

Materials

Students enrolling in art courses furnish their own materials, except certain studio equipment provided by the University. All work when completed is under the control of the department until after the public exhibition of student work in May. Each student may be required to leave with the department one or two pieces of original work to be added to the permanent collection.

Primarily for Freshmen and Sophomores

- *1 ab. [Art Structure] Creative Design. (3-3) Yr. Creative expression in color, line, and form, through which principles of art structure will be studied. Three 2-hour periods per week.
- *25. Indian Art. (2) II. Development and symbolism of the decorative art of the Pueblos and other tribes, from the earliest times to the present. Students taking this work in Santa Fe Art School may earn four hours.

- *32. [83] **Lettering.** (2) II. To develop facility and grace in the common forms of artistic and commercial lettering. Two 2-hour periods per week.
- *45 ab. **Drawing.** (3-3) Yr. The craftsmanship of drawing in various mediums from life, cast, and still life. Includes study of perspective. Three 2-hour periods per week.
- *51 ab. **Life Drawing.** (2-2) Yr. Drawing from the human figure in charcoal and other optional mediums. Three 2-hour periods per week.
- *52 ab. [Includes 52, 96] **History of Art.** (3-3) Yr. An introduction to the world's arts and their development from the beginning, with appreciation and understanding of the different phases of art.
- 63 ab. **Painting.** (3-3) Yr. Work in choice of medium from still life, landscape, figure, or imagination. Three 3-hour periods per week. Prerequisites: Art 1 ab, and 45 ab or 51 ab, or equivalent.
- *66. **Block Printing.** (2) II. Design, cutting, and printing of linoleum blocks. Two 2-hour periods per week. Prerequisite: Art 1 ab.
- *71 ab. **General Commercial Art.** (3-3) Yr. Art in advertising and other commercial uses. Practice in various techniques to develop professional skill. Methods of reproduction. Optional work in caricature and cartooning. Three 2-hour periods per week. Prerequisite: Art 1 ab.
- *75 ab. [75 s—Spanish Colonial Crafts] **Contemporary New Mexican Crafts.** (3-3) Yr. Use of the native raw materials of New Mexico, with emphasis on the revival of early Spanish designs and structures. Prerequisite: Art 1 ab.
- 81. **Artistic Anatomy.** (2) I. Two 2-hour periods per week.
- 85 ab. **Sculpture.** (3-3) Yr. Technical execution and anatomical study. Three 2-hour periods per week.

For Juniors and Seniors

- 125. **Indian Art.** (2) I. Advanced work. Students taking this work in Santa Fe Art School may earn four hours. Prerequisite: Art 25.
- 131 ab. [Decorative Design] **Advanced Creative Design.** (3-3) Yr. New techniques and research in design and color. Three 2-hour periods per week. Prerequisite: Art 1 ab.
- 133 ab. [Applied Design] **Crafts, Processes, and Design.** (3-3) Yr. The different art crafts; the harmonious relationship of construction and design in artistic products. Two 3-hour periods per week. Prerequisite: Art 1 ab.
- 151 ab. **Life Drawing.** (2-2) Yr. Prerequisites: Art 45 ab and 51 ab.
- 151 cd. **Life Drawing.** (Continuation) (2-2) Yr.
- 152 ab. [Includes 141, 142]. **History of Art.** (3-3) Yr. Painters, schools, and general tendencies in painting. Prerequisite: Art 52 ab.
- 163 ab. **Painting.** (3-3) Yr. Advanced work in creative composition in selected mediums. Three 3-hour periods per week. Prerequisite: Art 63 ab.

- 163 cd. **Painting.** (Continuation) (3-3) Yr.
167. **Costume Design.** (3) I. Problems in selecting and designing. Study of historic dress. Two 3-hour periods per week. Prerequisites: Art 1 ab, and 45 ab or 51 ab.
168. **Interior Decoration.** (3) II. Principles and practice of interior decoration. Drafting and making interior sketches in color. Two 3-hour periods per week. Prerequisites: Art 1 ab and 45 ab.
- 171 ab. **Advertising Problems.** (2 or 3 hours each semester) Yr. Three 2-hour periods per week. Prerequisite: Art 71 ab.
- 185 ab. **Sculpture.** (3-3) Yr. Three 2-hour periods per week. Prerequisite: Art 85 ab.
- 191 ab. **Special Problems.** (2-3 hours each semester) Yr.

DEPARTMENT OF BIOLOGY

Professor Castetter (Head); Associate Professors Allen, Bell; Instructor Blakely; Graduate Fellows Grove, Horrall.

The Department of Biology offers instruction in many lines of scientific endeavor pertaining to plant and animal life. The work is organized with four purposes: to provide cultural training for students majoring in liberal arts subjects; to furnish pre-medical instruction; to provide foundation work for home economics and physical education majors; and to prepare students to teach biology and to do research in various phases of the subject.

Group Requirements

Courses in biology are accepted toward fulfilling the requirements of Group IV.

Major Study

Biology 1 L, 2 L, 93 L, 97 L, 109, 134 L, 198, and six additional hours above 100. Courses 5 ab, 36, 41, and 48 are not accepted toward a major.

Minor Study

Biology 1 L and 2 L and 12 additional hours to be selected from the following only: 36 or 97 L, 41 or 163 L, 48 or 109, 52, 58 sL, 81 L, 93 L, 110, and 171 L.

In the following courses, credit is allowed for one or the other, but not for both: 36 or 97 L, 41 or 163 L, 48 or 109. Credit will be allowed for Biology 1 L and 5 a in combination, and for 2 L and 5 b, but not for 1 L and 5 b or for 2 L and 5 a in combination.

Primarily for Freshmen and Sophomores

- 1 L. **General Zoology.** (4) I, II. The fundamental structures, processes, and principles of animal life. Two lectures and two 2-hour laboratory periods per week.
- 2 L. **General Botany.** (4) I, II. Activities and structures of the flowering plant. Type representatives of the four great groups of the plant kingdom and the underlying principles of plant life. Two lectures and two 2-hour laboratory periods per week.
- *5 ab. **Survey of Biology.** (3-3) Yr. The field of biology, emphasizing fundamental principles common to all living things.

- *36. **Human Physiology.** (2) I, II. The more fundamental physiological activities of the human body.
- *41. **Survey of New Mexico Plant Life.** (2) I. Lectures and demonstrations on the plant life of the state.
- *48. **Heredity.** (2) I, II. A cultural survey of the field of inheritance, considering the elementary principles and their general bearing on inheritance in plants, animals, and man.
- *52. **Ethnobiology.** (2) II. The plants and animals used by the Indians of Southwestern United States for food, drink, medicine, clothing, tanning and dyeing, ceremony, etc.
- 58 sL. **General Entomology.** (4). Insects with reference to structure, habits, life history, and classification. Prerequisite: Biology 1 L. Two lectures and two 2-hour laboratory or field periods per week. (Offered in summer session only.)
- 81 L. **Parasitology.** (4) I. Parasitic animal diseases in man. Prerequisites: Biology 1 L and 2 L. Two lectures and two 2-hour laboratory or field periods per week.
- 93 L. **General Bacteriology.** (4) I, II. Activities of bacteria, yeasts, and moulds, in relation to the health of man, animals, and plants. Prerequisites: Biology 1 L and 2 L. Two lectures and two 2-hour laboratory periods per week.
- 97 L. **General Animal Physiology.** (4) I, II. The fundamental processes of the animal body as applied to the human. Prerequisites: Biology 1 L and 2 L. Two lectures and two 2-hour laboratory periods per week.

For Juniors, Seniors, and Graduates

- 104 L. **Human Anatomy and Kinesiology.** (4) II. The gross anatomy of the human body. Emphasis will be placed upon the arrangement, function, and behavior of the muscles. Prerequisites: Biology 93 L and 97 L.
109. **Genetics.** (3) I. Modern conceptions of genetics. The broader cultural and philosophical aspects of the science. Prerequisites: Biology 1 L and 2 L.
110. **Evolution.** (3) II. History of the principle and theories of evolution; the various developments resulting from investigations of modern science. Prerequisite: Biology 109.
- 112 L. **General Embryology.** (4) II. The changes which take place in the embryo from the time of fertilization until birth. Prerequisite: Biology 97 L. Two lectures and two 2-hour laboratory periods per week.
- 114 L. **Animal Histology.** (4) II. A microscopic study of animal tissues and organs. Prerequisite: Biology 112 L. Two lectures and two 2-hour laboratory periods per week. (Not offered in 1937-1938.)
- 121 L. **Comparative Vertebrate Anatomy.** (5) I. Prerequisite: Biology 112 L. Two lectures and two 3-hour laboratory periods per week.
- 132 L. **Advanced Bacteriology.** (4) I. Laboratory methods in immunity and diagnosis of disease. Prerequisite: Biology 93 L and 97 L. Two lectures and two 2-hour laboratory periods per week.

- 134 L. **Plant Physiology.** (4) II. Plant processes—growth, photosynthesis, translocation, storage, digestion, respiration, assimilation, and reproduction. Prerequisite: Biology 97 L. Two lectures and two 2-hour laboratory periods per week.
- 163 L. **Flora of New Mexico.** (4) I. The more characteristic types of vegetation of the state. Prerequisite: Biology 97 L. Two lectures and two 2-hour laboratory or field periods per week.
- 171 L. **Physiographic Ecology.** (4) I. Distribution of plants in relation to topographic and climatic factors. Application to soil erosion, reforestation, etc. Prerequisites: Biology 134 L and 163 L. Three lectures and one 2-hour laboratory period per week.
- 174 L. **Plant Anatomy.** (4) II. Cells and tissues of root, stem, leaf, and reproductive structures of higher plants. Prerequisite: Biology 134 L. Two lectures and two 2-hour laboratory periods per week. (Not offered in 1937-1938.)
- 184 L. **Plant Pathology.** (4) II. The nature, cause, and control of diseases of plants. The relations of plant pathogenic organisms to agriculture, home economics, and industry. Prerequisites: Biology 93 L and 134 L. Two lectures and two 2-hour laboratory periods per week. (Offered in 1937-1938 and alternate years.)
- 191 L. **Laboratory Methods.** (3) I, II. Practice in hospital laboratory technique. Prerequisites: Biology 81 L, 97 L, and 132 L, and consent of instructor.
198. **Fundamental Concepts of Biology.** (3) II. The trend of scientific thought and method from the time of the early Egyptians and Babylonians to the present. Prerequisite: major in the department with senior standing.
- 199 ab. **Problems.** (2-2) Yr. Individual investigation in zoology or botany. Prerequisite: consent of instructor.

For Graduates Only

250. **Advanced Ethnobiology.** (3) I.
255. **Mammalogy.** (3) II.
261. **Research in Botany.** (2) I, II.
271. **Research in Zoology.** (2) I, II.
281. **Research in Bacteriology.** (2) I, II.
300. **Thesis.** I, II.

DEPARTMENT OF BUSINESS ADMINISTRATION

See Economics and Business Administration.

DEPARTMENT OF CHEMISTRY

Professor Clark (Head); Associate Professor Kiech; Instructor Gibson.

Group Requirements

Courses in Chemistry are accepted toward fulfilling the requirements of Group IV.

Major Study

Chemistry 1 ab and 1 abL, 51 and 51 L, or the equivalent, and 24 additional hours including course 52 L or its equivalent; in the discretion of the professor in charge of the department, however, credits in excess of 8 hours in courses 1 ab and 1 abL, and 51 and 51 L, may be counted among the 24 additional hours. A comprehensive examination is given before graduation. Major students are advised to take 2 years of French or German.

Minor Study

Twelve hours above Chemistry 51 and 51 L. Courses 52 L and 102 abL are recommended. A comprehensive examination may be required.

Primarily for Freshmen and Sophomores

- 1 ab. **Inorganic Chemistry.** (3-3) Yr. Lectures, demonstration, and recitations on general and theoretical chemistry. Credit suspended if student does not earn credit in laboratory.
- 1 abL. **Inorganic Laboratory.** (1-1) Yr. Credit suspended if student does not earn credit in lecture. One 3-hour laboratory period per week.
- *5 ab. **Survey of Chemistry.** (3-3) Yr. Lectures, demonstrations, recitations, and reading assignments designed to acquaint the student with the service of science, chemistry in particular, to mankind. Not intended as a substitute for Chemistry 1 ab and 1 abL, which are required of students who are to pursue any scientific work beyond the beginning courses. Students who take Chemistry 1 ab, 1 abL, and 5 ab are allowed a maximum of 12 hours.
- 51. **Second Year Theoretical Chemistry.** (3) I. Lectures and recitations on the theories of the work. Prerequisite: Chemistry 1 ab and 1 abL.
- 51 L. **Second Year Theoretical Laboratory.** (2) I. Two 3-hour laboratory periods per week.
- 52 L. **Principles of Quantitative Analysis.** (4) I, II. Prerequisite: Chemistry 51 and 51 L. Four 2-hour laboratory periods per week.
- 55 L. **Quantitative Analysis for Pre-medical Students.** (3 to 5) I, II. Prerequisite: Chemistry 51 and 51 L. One 2-hour laboratory period per credit hour.
- 68. **Introduction to Physiological Chemistry.** (3) II. Required of all home economics majors. Chemistry of foods and their metabolism. Prerequisite: Chemistry 1 ab and 1 abL.

For Juniors, Seniors, and Graduates

- 102 abL. **Organic Chemistry.** (4-4) Yr. The chemistry of the carbon compounds. Prerequisite: Chemistry 1 ab and 1 abL. Two lectures and two 3-hour laboratory periods per week.
- 104 L. **Organic Synthesis.** (2) II. A continuation of Chemistry 102 abL. For chemistry majors. Two 3-hour laboratory periods per week.
- 105 L. **Quantitative Biochemical Methods.** (3) II. Laboratory practice in colorimetry and micro-methods of analysis. Prerequisite:

- sites: Chemistry 52 L or 55 L, and 102 abL. Three 3-hour laboratory periods per week.
- 107 L. **Advanced Qualitative Analysis.** (2) II. Prerequisites: Chemistry 51 and 51 L. Two 3-hour laboratory periods per week. (Offered in 1937-1938 and alternate years.)
110. **Physical Chemistry.** (4) II. Advanced study of chemical theory. Prerequisite: Chemistry 102 abL.
- 110 L. **Physical Chemistry Laboratory.** (1) II. One 3-hour laboratory period per week.
112. **Industrial Chemistry.** (2) I. Lectures on chemical industry. Prerequisite: Chemistry 51 and 51 L. (Offered in 1938-1939 and alternate years.)
113. **Metallurgy.** (2) II. Lectures covering processes of extraction of metals. Prerequisite: Chemistry 112. (Offered in 1938-1939 and alternate years.)
140. **Chemistry Seminar.** (1-3) II.
- 152 L. **Advanced Quantitative Analysis.** (Credit optional up to 10 hours.) I, II. Stress is laid on the use of instruments of analytical chemistry. One 2-hour laboratory period per credit hour.
- 155 L. **Introduction to Toxicology.** (2) I, II. Poisons and their detection. Two 2-hour laboratory periods per week.

For Graduates Only

- 251 ab. **Problems.** (2-5 hours each semester) Yr.
300. **Thesis.** I, II.

DEPARTMENT OF DRAMATIC ART

Professor St. Clair (Acting Head); Instructor E. DuBois.

Students in the Colleges of Arts and Sciences and Education, who desire to major or minor in Dramatic Art, must secure the permission of the respective Dean.

Primarily for Freshmen and Sophomores

- *1 ab. **Reading and Speaking.** (3-3) Yr. Fundamentals of interpretation of prose and poetry.
- *3 ab. **Art of the Dance.** (2-2) Yr. A survey of rhythemics, theory, and practice. One lecture and 3 hours practical work per week.
- 30 ab. **Stage Work.** (2-2) Yr. Fundamentals of stage design and construction. Three 2-hour periods per week.
40. **Makeup.** (2) II. Elements of stage makeup.
- 60 ab. **Art of the Dance.** (2-2) Yr. Intermediate modern dance. One lecture and 3 hours practical work per week.
- 67 ab. **Playwriting.** (1-1) Yr.
- 70 ab. **Stage Work.** (2-2) Yr. Continuation of 30 ab. Three 2-hour periods per week.
- *80 ab. **Diction.** (2-2) Yr. Fundamentals of correct speech.
- 90 ab. **Rehearsal and Performance.** (2-2) Yr. Elements of acting. Two 2-hour periods per week.
92. **New Mexican Folk Dance.** (2) II.

For Juniors and Seniors

- 130 ab. **Stage Projects.** (3-3) Yr. Advanced stage design, construction, and lighting. Three 2-hour periods per week.
- 140 ab. **Diction.** (3-3) Yr. Advanced speech training.
- 150. [Spanish 55 ab] **Play Production and Pageantry.** (2) I. Writing, criticism, and production of original plays in Spanish or English based on New Mexican material.
- 160 ab. **Rehearsal and Performance.** (3-3) Yr. Work in acting. Three 2-hour periods per week.
- 180 ab. **Advanced Rehearsal and Performance.** (3-3) Yr. Three 2-hour periods per week.
- 199 ab. **Problem.** (2-2) Yr. Complete production book.

**DEPARTMENT OF ECONOMICS AND BUSINESS
ADMINISTRATION**

Professor Sorrell (Head); Part-time Associate Professor Popejoy; Assistant Professor Tandy; Instructors Fewell, Kiel, McFarland†; Part-time Instructor P. Miller (General College courses only.)

Group Requirements

Courses in Economics, other than Accounting courses, are accepted toward fulfilling the requirements of Group III.

Major Study

Economics 51 ab or 105, and 24 additional hours, including course 160 and exclusive of courses 30 and 43.

Minor Study

Economics 51 ab or 105, and 12 additional hours, exclusive of courses 30 and 43.

Primarily for Freshmen and Sophomores

- *30. **Economic Development of the United States.** (3) I. Not counted toward major or minor requirements.
- *43. **Economic Resources.** (3) II. A general survey of the basic economic resources of the world. Not counted toward major or minor requirements.
- 51 ab. [55] **Introduction to Economics.** (3-3) Yr. A prerequisite to all advanced courses in the department unless otherwise indicated. Prerequisite: sophomore standing. Credit for 51 a suspended until 51 b is completed. Course 51 a will be offered both semesters.
- 53 abL. **Principles of Accounting.** (3-3) Yr. Credit for 53 aL suspended until 53 bL is completed. Two lectures and one 2-hour laboratory period per week. Freshmen admitted by special permission.
- 61 ab. **Business Law.** (3-3) Yr. Prerequisite: sophomore standing.
- 86 L. **Cost Accounting.** (3) I. The general problem of cost allocation for determination of the unit cost of the products, and the operating costs of the divisions within the factory organi-

†On leave of absence 1936-1937.

zation. Prerequisite: Economics 53 abL. Two lectures and one 2-hour laboratory period per week. (Offered in 1937-1938 and alternate years.)

88. **Rural Economic Problems.** (3) I. The development of the problems of a specialized agriculture; the relation of agriculture to the general welfare; problems of production and price; and measures for agricultural reform. Prerequisite: sophomore standing. (Offered in 1936-1937 and alternate years.)
91. **Economics of Consumption.** (3) II. A study of the use of goods and services. Prerequisite: Economics 51 ab or 105. (Offered in 1936-1937 and alternate years.)

For Juniors, Seniors, and Graduates

General prerequisite: Economics 51 ab or 105, unless otherwise stated.

- 103 abL. **Advanced Accounting.** (3-3) Yr. The preparation of balance sheets and financial statements, with an analysis of their component items. Prerequisite: Economics 53 abL. Two lectures and one 2-hour laboratory period per week.
105. **Principles of Economics.** (3) I. Primarily for students who are not majors in the department. Prerequisite: upper division standing, except for sophomore engineers.
108. **Marketing.** (3) I. Marketing methods and institutions.
109. **Statistics.** (3) I. The collection, arrangement, and interpretation of statistical material relating to business operations. Prerequisite: Economics 51 ab or 105, and Mathematics 14 or 15.
110. **Corporation Finance.** (3) II. The financial organization and policies of the modern corporation.
111. **Money and Banking.** (3) I.
112. **Auditing.** (3) II. The principles underlying the practices of auditing. Prerequisites: Economics 51 ab or 105, 53 abL, and 103 aL. (Offered in 1936-1937 and alternate years.)
115. **Investments.** (3) I. An analysis of corporation, municipal, and other securities.
117. **Mathematics of Finance.** (3) I. (Same as Mathematics 117.) Accepted toward the major only. Prerequisite: Mathematics 14 or 15.
119. **Foreign Trade.** (3) II. The history, principles and practices of foreign trade. (Offered in 1936-1937 and alternate years.)
140. **Economic Security.** (3) I. The meaning and extent of poverty and insecurity, and methods of dealing with these problems.
141. **Labor Problems.** (3) II. The position of the laborer in modern society. (Offered in 1936-1937 and alternate years.)
143. **Transportation.** (3) II. Inland transportation with special attention to railroads. (Offered in 1937-1938 and alternate years.)
150. **Industrial Management.** (3) II. Principles of scientific management applied to the organization and direction of industrial enterprises.

- 152. **Public Finance.** (3) II. The theory and practice of taxation, governmental borrowing, financial administration, and public expenditures.
- 154. **Modern Economic Reform.** (3) II. A critical analysis of the proposed major reforms of the existing economic system. (Offered in 1936-1937 and alternate years.)
- 160. **Economic Theory.** (3) II. Required of majors in the department.
- 165. **Public Utilities.** (3) II. A study of the principles and problems in the utilities field. (Offered in 1936-1937 and alternate years.)
- 178. **Recent History of the United States.** (3) II. (Same as History 178.) Accepted toward the major only. Prerequisite: Economics 51 ab or 105, or History 51 ab.
- 198 ab. **Seminar.** (2-3 hours each semester) Yr.

For Graduates Only

- 251 ab. **Problems.** (2-4 hours each semester) Yr.
- 300. **Thesis.** I, II.

Courses in Business for General College Only

- 1 abG. **Typing.** (2-2) Yr. Two 2-hour sessions per week. (Given at downtown business training school.) Fee \$12.50 per semester.
- 1 cdG. **Typing.** (2-2) Yr. (Continuation.) Fee \$12.50 per semester.
- 2 abG. **Shorthand.** (2-2) Yr. Two 2-hour sessions per week. (Given at downtown business training school.) Fee \$12.50 per semester.
- 2 cdG. **Shorthand.** (2-2) Yr. (Continuation.) Fee \$12.50 per semester.
- 3 abGL. **Accounting.** (3-3) Yr. A general introduction to accounting principles and practices. Two lectures and one 2-hour laboratory period per week.
- 3 cGL. **Accounting.** (3) I. (Continuation of 3 abGL.)
- 3 dGL. **Cost Accounting.** (3) II. An introduction to the collection and analysis of costs. Specific order will be studied and special attention will be given to methods of computing unit cost of products. Two lectures and one 2-hour laboratory period per week.
- 4 G. **Introduction to Business.** (3) I. Up-to-date procedure, methods and problems of modern business enterprise.
- 5 G. **Business English.** (3) II. Information on business practice as it is needed to enable the student to write effective business letters, business reports, etc.
- 6 G. **Salesmanship.** (2) I. The approach and appeal necessary to the consummation of a sale; selling methods which have proved successful; and suggestions for the discovery and utilization of fields for selling.
- 7 G. **Office Training.** (3) II. The procedure in various types of offices; occasional inspection trips to well-managed offices. (Given at downtown business training school.) Fee \$12.50.
- 8 abG. **Business Legal Practice.** (3-3) Yr. The theory and practical problems involved in business contracts.

DEPARTMENTS OF EDUCATION

Professors Nanninga (Dean), Diefendorf, Haught, Seyfried, Tireman; Associate Professor Reid†; Assistant Professors P. DuBois, Moyer; Graduate Fellow Williams.

High School and elementary teachers are required to select a major and a minor study outside the professional courses in education. Students preparing to become administrators, supervisors, high school teachers, or elementary teachers should refer to the respective curriculum.

MISCELLANEOUS AND GENERAL COURSES IN EDUCATION

Primarily for Freshmen and Sophomores

- *4 G. **Elements of Scoutmastership.** (1) Fundamentals of organizing Boy Scout troops; planning and conducting a successful program.
- *6 G. **Principles of Scoutmastership.** (1) Advanced course for scoutmasters. Prerequisite: Education 4 G.
- *31. **Introduction to Education.** (2) I. An introduction to the various fields of education.
- 72. **Educational Hygiene.** (2) I. Health defects and hazards in schools.
- 82. **[110] Methods and Materials in Health Education.** (2) II. Principles and practices of health teaching in the various school grades.

For Juniors, Seniors, and Graduates

- 101. **History of Education in Europe.** (3) I. The development of education from earliest times to the present, with emphasis on European education.
- 102. **History of Education in America.** (3) II. The evolution of American education.
- 105 ab. **Adult Education.** (3-3) Yr. I-Origin, development, philosophy and objectives; II-methods and materials.
- 107. **Problems of Education in New Mexico.** (2) I. The sources and apportionment of school funds; organization and means of administering the various units of school control; the bilingual problem, etc.
- 109. **Educational Sociology.** (3) II. A practical treatment of the sociological aspects of school problems.
- 112. **Current Educational Problems.** (2) I, II.
- 115. **Educational and Vocational Guidance.** (3) II. Principles and methods.
- 151. **Problems.** (1-3) I, II.
- 174. **Philosophy of Education.** (3) II. The sociological and philosophical aspects and the aims of education. Prerequisite: six hours in education or philosophy. (Offered in 1937-1938 alternately with Philosophy 176.)

For Graduates Only

- 251. **Problems.** (2-3) I, II.
- 300. **Thesis.** I, II.

†On leave of absence, second semester, 1936-1937.

DEPARTMENT OF ELEMENTARY EDUCATION

Primarily for Freshmen and Sophomores

- 42. **Classroom Organization and Management.** (3) II. Problems of attendance, order, promotion, recitation, etc.
- 52 s. **Teaching English to Non-English-Speaking Children.** (2). For pre-first and first grade teachers. (Offered in summer session only.)
- 56 s. **Primary Methods.** (3) Materials and activities suitable for kindergarten or beginning pupils. (Offered in summer session only.)
- 58. **Materials and Techniques of Teaching in the Elementary School.** (3) II. Methods of teaching language, arithmetic, and spelling.
- 61. **Teaching Reading in the Primary Grades.** (3) I. Methods and materials in pre-first to the fourth grades.
- 62. **Teaching of Language, Social Studies, and Arithmetic.** (3) II. Materials and methods in grades one to four.
- 64. **Practice Teaching in Elementary Grades.** (4) I, II. Prerequisites: an observation course and Education 61. Co-requisite: Education 62.
- 91. **The Teaching of Art in Elementary School.** (3) I. General principles underlying the teaching of art and its relationship to progressive education. Prerequisite: Education 31.

For Juniors, Seniors, and Graduates

- 122. **Supervision of the Language Arts in the Primary Grades.** (2) II. Supervision of reading, language, and spelling. If Education 61 has been taken, consult instructor before enrolling in this course.
- 123. **Supervision of Elementary Education.** (3) I. Supervision of reading in the fourth, fifth, and sixth grades. Diagnosis and remedial work. Prerequisite: Education 61 or 122.
- 131. **Music Education.** (3) I. Kindergarten and grades.
- 132. **Supervision of the Social Studies.** (2) I, II. Methods in the teaching of history and geography.
- 133 s. **An Activity Program in the Elementary Grades.** (3) Constructing and judging units, technique of development. (Offered in summer session only.)
- 135. **Supervision of Arithmetic.** (2) I. The construction of units of drill work, analysis of textbooks, remedial work.
- 136. **Practice Teaching in Elementary Grades.** (5) II. Prerequisite: an observation course, Education 61, 62, and 123.
- 137. **Elementary School Curriculum.** (3) II. Principles and techniques of curriculum construction.
- 138 s. **Supervision of Elementary School Instruction.** (3) Deals primarily with the nature, aims, and principles of supervision. (Offered in summer session only.)

For Graduates Only

- 251. **Problems.** (2-3) I, II.
- 300. **Thesis.** I, II.

DEPARTMENT OF SECONDARY EDUCATION

For Juniors, Seniors, and Graduates

- 141. **Principles of Secondary Education.** (3) I, II. Scope and function of the secondary school.
- 142. **High School Curriculum.** (3) II. Trends and practical programs.
- 144. **The Junior High School.** (2) II. History of the junior high school movement and some of the problems arising from its organization and administration.
- 147. **Extra-Curricular Activities in the Secondary School.** (3) I. The guiding principles of pupil participation in the extra-curricular life of the junior and senior high school.
- 153. **High School Methods.** (3) I, II. Prerequisite: Psychology 54.
- 155. **The Teaching of High School Subjects.** All specific methods courses, or courses in the teaching of the several high school subjects, are listed under the general number, Education 155, with the designating subscripts as indicated. These courses carry credit in education only, not in the subject matter departments. Required of students following secondary curricula.
 - a. **The Teaching of Art in High School.** (3) I. Prerequisite: Education 31.
 - b. **The Teaching of Biology in High School.** (3) I.
 - c. **The Teaching of English in High School.** (3) II. Prerequisite: English 1 ab.
 - d. **The Teaching of Home Economics in High School.** (3) I.
 - e. **The Teaching of Mathematics in High School.** (3) II. Prerequisite: Mathematics 22.
 - f. **The Teaching of Music in High School.** (3) II.
 - h. **The Teaching of Sciences in High School.** (3) I.
 - k. **The Teaching of Social Studies in High School.** (3) I, II.
 - m. **The Teaching of Spanish in High School.** (2) I.
- 156. **Practice Teaching in High School.** (5) II. Observation and teaching in Albuquerque High Schools. Prerequisite: Education 153.
- 158. **High School Supervision.** (3) II.
- 159. **Directed Study.** (3) I, II. Theory and practice of directing pupil study.

For Graduates Only

- 241. **Seminar in Secondary Education.** (2) II.
- 251. **Problems.** (2-3) I, II.
- 300. **Thesis.** I, II.

DEPARTMENT OF EDUCATIONAL ADMINISTRATION

For Juniors, Seniors, and Graduates

- 161. **New Mexico School Law.** (3) II. Emphasizing New Mexico statutes; rules of the State Board of Education; and the common law.

- 163. **State School Administration.** (3) I. The organization and administration of state school systems: Federal and state policy, and forms of control.
- 164. **City School Administration.** (3) II. Educational, financial, and administrative principles.
- 166. **The Principal and His School.** (3) I. Organization, administration, and supervision of a single school.
- 168. **Public School Finance.** (3) II. Methods of financing public education, with special attention to New Mexico.
- 171. **Problems of the Teaching Profession.** (3) II. The principles of educational administration and organization as applied to the duties and responsibilities of the classroom teacher.
- 177. **School Buildings and Equipment.** (3) II. Assigned readings.

For Graduates Only

- 201 ab. **Research Methods in Education.** (2-2) Yr. A foundation course in research methods, with emphasis on problems of education.
- 206. **Seminar in Educational Administration.** (2) II. Advanced reading and problems in educational administration.
- 251. **Problems.** (2-3) I, II.
- 300. **Thesis.** I, II.

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY

For description of courses, see Department of Psychology

Primarily for Sophomores

- 54. **Educational Psychology.** (3) II.

For Juniors, Seniors, and Graduates

- 181. **Educational Tests and Statistics.** (3) I.
- 183. **Educational Psychology.** (3) I, II.
- 185. **Mental Measurements.** (3) II.
- 187. **Child Psychology.** (3) I.
- 188. **Classroom Tests.** (2)
- 190 L. **Clinical Psychology.** (3) II.

For Graduates Only

- 251. **Problems.** (2) I, II.
- 300. **Thesis.** I, II.

DEPARTMENTS OF ENGINEERING

Professors Farris (Dean), Dorroh; Assistant Professors Russell, Smellie, Wagner; Instructors Ford, Hume, Jones.

GENERAL COURSES IN ENGINEERING

See pages 61-63 for outline of curricula

Primarily for Freshmen and Sophomores

- *1 abL. **Engineering Drawing.** (2-2) Yr. The essentials of drafting, including the use of instruments, lettering, projecting, sections, developments, isometric drawing, and working draw-

- ings. Approved drawing equipment required. One lecture and one 3-hour laboratory period per week.
- †2 abGL. **Elements of Electrical Circuits and Machinery.** (3-3) Yr. The fundamentals of electricity and magnetism; electrical circuits and machinery. Two lectures and one 3-hour laboratory period per week.
- †3 abGL. **Surveying.** (2-2) Yr. Use of the chain and compass; locating monuments and running lines; computing simple areas; use of the transit and the level. One lecture and one 3-hour laboratory period each week.
- *5. **Orientation.** (2) I. Lectures on the different fields of engineering and on the related science fields.
- *6. **Engineering Lectures.** (2) II. Lectures, moving pictures and inspection trips. Health, engineering problems and ethics.
- 51 L. **Descriptive Geometry.** (2) I, II. Theory and science of engineering drawing. Prerequisite: Engineering 1 abL. One lecture and one 3-hour laboratory period per week.
- *55 L. **Elementary Surveying.** (3) I, II. Plane surveying, including the theory and use of the chain, tape, compass, transit, and level. Prerequisite: Mathematics 16. Two lectures and one 3-hour laboratory period per week.
- *56 L. **Advanced Engineering Drawing.** (3) I, II. Working drawings, structural drawings, charts, and graphs. Prerequisite: Engineering 1 bL. One lecture and two 3-hour laboratory periods per week.
60. **Applied Mechanics (Statics).** (3) I, II. General principle of statics; stresses in simple frame structures; friction; center of gravity and moment of inertia. Prerequisite or co-requisite: Mathematics 54.
- †61 abGL. **Surveying.** (4-4) Yr. Topographic principles with the theory and use of the plane table, barometer, and sextant; geodetic triangulation and astronomical observations. Two lectures and two 3-hour laboratory periods per week. Prerequisite: Engineering 3 abGL.
- †62 abGL. **Elements of Radio.** (5-5) Yr. Elementary study of vacuum tube characteristics and applications, power supplies, antenna systems, amplifiers, transmitters, receivers, public-address systems, including code practice and amateur radio work. Prerequisite: Electrical Engineering 1 abGL. Four lectures and one 3-hour laboratory period per week.

For Seniors

- 157 ab. **Pro-seminar.** (1-1) Yr. Prerequisite: senior standing.

DEPARTMENT OF CIVIL ENGINEERING

- 103 L. **Advanced Surveying.** (4) I. Topographic methods including the theory and use of the plane table, barometer, and sextant; hydrographic and aerial surveying; geodetic triangulation; and astronomical observations. Prerequisite: Engineering 55 L. Two lectures and two 3-hour laboratory periods per week.

- 104 L. **Railroad Engineering.** (4) II. The principles involved in the economic location of railroads and highways. Prerequisite: Civil Engineering 103 L. Three lectures and one 3-hour laboratory period per week.
108. **Strength of Materials.** (3) II. The mechanics of materials; theory of beams, columns, and shafts. Prerequisite: Engineering 60, Mathematics 54, and Physics 51 abL.
110. **Hydraulics.** (3) II. Elementary theory of hydraulics, including hydrostatics and hydrodynamics; water wheels and pumps. Prerequisite: Engineering 60, Mathematics 54, and Physics 51 abL.
- 112 L. **Strength of Materials Laboratory.** (2) II. Co-requisite: Civil Engineering 108. One lecture and one 3-hour laboratory period per week.
- 115 L. **Masonry Materials.** (2) I. The manufacture and properties of lime, clay products, and cement; occurrence and properties of stone, sand, and gravel; design and tests of concrete and mortars. Prerequisite: junior standing. One lecture and one 3-hour laboratory period per week.
- 118 L. **Highway Engineering.** (3) II. Location, construction, maintenance, cost, durability, and methods of financing all types of country roads and city pavements. Prerequisite: Engineering 55 L. Two lectures and one 3-hour laboratory period per week.
- 157 F. **Field Surveying.** (2) Summer camp, two weeks. Practice in topographic surveying. Complete surveys of the project are made and the notes used for mapping in Civil Engineering 169 L. Prerequisite: Civil Engineering 103 L.
- 159 L. **Stresses in Structure.** (3) I. Determination of stresses in beams, in roof, and in bridge trusses. Prerequisite: Civil Engineering 108. Two lectures and one 3-hour laboratory period per week.
- 160 L. **Design of Structures.** (5) II. Design and detail of structures of timber, steel, and reinforced concrete. Prerequisite: Civil Engineering 159 L. Three lectures and two 3-hour laboratory periods per week.
162. **Water Supply.** (3) II. Collection, storage, purification, and distribution of municipal water supplies. Prerequisite: Civil Engineering 110.
165. **Sewerage.** (2) I. Principles in the design and construction of sewers; the treatment and disposal of sewage. Prerequisite: Civil Engineering 110.
- 166 L. **Municipal Design.** (3) II. Laying out of an industrial town, including the street improvement, water supply, storm and sanitary sewer. Prerequisite: Civil Engineering 165. One lecture and two 3-hour laboratory periods per week.
- 167 L. **Masonry Structures.** (3) I. Design of structure of plain and reinforced concrete and stone masonry. Prerequisite: Civil Engineering 108 and 115 L. Two lectures and one 3-hour laboratory period per week.
- 169 L. **Topographic Mapping.** (1) I. Prerequisite: Civil Engineering 157 F. One 3-hour laboratory period per week.

170. **Contracts and Specifications.** (2) II. The law governing engineering practice; contracts, specifications, and ethical relations. Prerequisite: senior standing.
- 173 L. **Hydraulics Laboratory.** (1) I. Prerequisite: Civil Engineering 110. One 3-hour laboratory period per week.

Electives

These courses will be offered if there is sufficient demand for them.

184. **Water Power.** (3) The theory, investigation, and development of water power. Prerequisite: Civil Engineering 110.
186. **Highway Administration and Finance.** (2) Engineering considerations involved in the selection, improvement, maintenance, and financing of highway systems. Prerequisite: senior standing.

DEPARTMENT OF ELECTRICAL ENGINEERING

- 101 L. **Direct Current Circuits and Machinery.** (6) I. Electric, magnetic, and dielectric circuits; theory and application of D. C. dynamos. Prerequisites: Mathematics 54 and Physics 51 bL. Co-requisite: Physics 111 a. Five lectures and one 3-hour laboratory period per week.
- 102 L. **Theory of Alternating Currents.** (4) II. Wave form analysis, alternating currents in circuits with lumped constants, A. C. measurements. Prerequisite: Electrical Engineering 101 L. Three lectures and one 3-hour laboratory period per week.
- 105 L. **Elements of Electrical Engineering.** (5) I, II. The fundamentals of electrical circuits and machines, stressing applications. Prerequisites: Mathematics 54 and Physics 51 bL. Four lectures and one 3-hour laboratory period per week.
- 151 abL. **Alternating Current Machinery.** (4-4) Yr. The principal types of A. C. machines. Prerequisite: Electrical Engineering 102 L. Three lectures and one 3-hour laboratory period per week.
- 161 abL. **Design of Electrical Machinery.** (2-2) Yr. The fundamental principles of electrical design, with application to specific problems. Prerequisite: Electrical Engineering 102 L. May be taken with, but may not precede, Electrical Engineering 151 abL. One lecture and one 3-hour laboratory period per week.
- 181 L. **Electronics.** (4) I. Theories of ionization; current flow in ionized regions; thermionic, photoelectric, and other types of electron emission; characteristics and application of electron tubes. Prerequisite: Electrical Engineering 102 L. Three lectures and one 3-hour laboratory period per week.
196. **Power Transmission and Distribution.** (3) II. Electrical and mechanical characteristics; economics of transmission and distribution systems. Prerequisite: Electrical Engineering 151 aL.

Electives

These courses will be offered if there is sufficient demand for them.

155. [157] **Electric Railways.** (2) Mechanical and electrical problems in electric railway work. Prerequisites: Electrical Engineering 102 L and Mechanical Engineering 109.

- 168. **Illumination.** (2) Light sources, photometric units and measurements, principles of vision, calculation and design of lighting systems. Prerequisite: Electrical Engineering 102 L or 105 L.
- 171. **Advanced Theory of Electrical Circuits.** (3) Mathematical analysis of filter circuits and circuits with distributed constants; transients in electrical systems. Prerequisite: Electrical Engineering 102 L.
- 186. **Generating Stations.** (3) The engineering and economic considerations governing the location, design, and operation of electric power plants, and the elementary principles of corporate finance and rate-making. Prerequisites: Economics 105 and Electrical Engineering 151 aL.
- 192. **Telephony and Telegraphy.** (2) Circuits and apparatus used in telephone and telegraph communication. Prerequisite: Electrical Engineering 181 L.
- 194 L. **Radio.** (3) Theoretical and practical consideration of apparatus and circuits used in radio communication; elementary theory of electromagnetic wave radiation and antenna design. Prerequisite: Electrical Engineering 181 L. Two lectures and one 3-hour laboratory periods per week.

DEPARTMENT OF MECHANICAL ENGINEERING

- 101. **Heat-Power Engineering.** (3) I. Elementary principles of heat-power engineering and heat equipment. Prerequisites: Mathematics 54, Physics 51 abL, and Chemistry 1 b and 1 bL.
- 102. **Thermodynamics.** (3) II. Prerequisite: Mechanical Engineering 101.
- 103 L. **Heat-Power Laboratory.** (2) II. Prerequisite: Mechanical Engineering 101. Two 3-hour laboratory periods per week.
- 105. **Engineering Materials.** (3) I. Characteristics of metals, alloys, wood, and concrete, and of the manufacture and heat treatment of iron and steel. Prerequisite: Chemistry 1 b and 1 bL.
- 109. **Applied Mechanics (Dynamics).** (3) I. Principles of kinematics and kinetics. Prerequisites: Engineering 60.
- 114 L. **Mechanisms.** (4) II. Displacements, velocities, and accelerations of such machine elements as links, cams, gears, chains. Prerequisites: Engineering 51 L and Physics 51 aL. Two lectures and two 3-hour laboratory periods per week.
- 151 abL. **Mechanical Engineering Laboratory.** (2-2) Yr. Tests of boilers, engines, turbines, fans, compressors, and pumps; internal combustion engines, and refrigerating equipment. Prerequisite: Mechanical Engineering 102. Two 3-hour laboratory periods per week.
- 153 abL. **Machine Design.** (3-3) Yr. Machine elements, working drawings, and cost estimates. Prerequisites: Mechanical Engineering 114 L and Civil Engineering 108. Two 4-hour laboratory periods per week.
- 155. **Power Plants.** (4) I. Different types of power plants and their equipment. Prerequisite: Mechanical Engineering 102.

156. **Industrial Engineering.** (3) II. The elements of economics as applied to the general operation and management of engineering projects. Prerequisite: senior standing.

Electives

These courses will be offered if there is sufficient demand for them.

160. **Internal Combustion Engines.** (3) Theories of Otto and Diesel type engines. Prerequisite: Mechanical Engineering 102.
- 162 L. **Air Conditioning.** (2 to 4) Methods used to heat, cool, humidify, clean, and distribute air in a building. Prerequisite: Mechanical Engineering 102. One lecture and one to three 3-hour laboratory periods per week.
165. **Vibration Problems in Engineering.** (2) Vibration of systems with one degree of freedom and with several degrees of freedom; vibration of elastic bodies. Theory of vibration-recording instruments. Prerequisite: Mechanical Engineering 109.

DEPARTMENT OF ENGLISH

Professor St. Clair (Head); Associate Professor Pearce; Assistant Professors Smith, Wynn; Instructors E. DuBois, Keleher, Snapp,† Part-time Instructor Hall; Graduate Fellows Jacobs, Langham, Nelson.

Group Requirements

College of Arts and Sciences.—English 1 ab and 3 hours above 50.

College of Education.—English 1 ab and 6 hours above 50. In the elementary curriculum, the 6 hours above 50 must be literature.

Major Study

English 1 ab, 53 ab, and 24 additional hours in courses numbered above 50. The courses taken must include 61 or 63; 88; 91; 151 or 154; two courses chosen from 132, 143, 148, 157, 177, 178, and 181; and 198. Twelve hours must be taken in courses numbered above 100. Students are urged to elect History 131 ab as a collateral course. A comprehensive final examination in English literature, language, and composition is required of majors.

Minor Study in College of Arts and Sciences

English 1 ab and 15 hours in courses numbered above 50.

Minor Study in College of Education

English 1 ab and 18 hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

English 1 ab is prerequisite to all other courses in the department except English 30 ab and 51.

- A. **Review English.** No credit. I, II. A rapid review of English fundamentals. Required of all students who fail the English placement test, and must be completed before their registration in English 1 a.

†On leave of absence 1936-1937.

- †XG. **Elements of Written English.** (3) I. Intended as a means of stimulating correct expression. Students unable to keep up with this class will be registered in English A.
- *1 ab. **Freshman Composition.** (3-3) Yr. I, II. The principles and practices of composition; oral English.
- *20. **Corrective Speech.** (2) I, II. Elements of speech composition and delivery. Meets state certification requirement.
- 30 ab. **Elementary Journalism.** (1-1) Yr. Practical work in journalism. For freshmen working on Lobo or Mirage. Two hours laboratory. Not acceptable for group requirements.
- *51. **Great Books.** (1) I, II. May be taken as many times as a new subject or author is studied.
- 53 ab. **Survey of English Literature.** (3-3) Yr. Restricted to students who expect to make English their major or minor.
55. **Public Speaking.** (3) I. Juniors and seniors must make a grade of A or B and do additional work to earn full credit.
56. [155] **Utopias in English Literature.** (1) II. Literature emphasizing social progress, including the works of More, Butler, Shelley, Bellamy, and Wells.
- *57 ab. **Types of English Literature.** (3-3) Yr. I—Poetry; II—Prose. Only 57 b allowed toward major.
58. **Argumentation and Debate.** (3) II.
61. **Advanced Composition.** (3) I. Practice in writing of exposition. Restricted to English majors and minors, except by permission of the instructor.
63. **Advanced Composition.** (3) II. Practice in narrative and descriptive writing.
65. **Practical English.** (3) I. Advanced exposition for students not majoring in English.
68. **Creative Writing.** (1 to 2) II. Special course in advanced composition for students with considerable training or talent. Recommended: English 61 or 63.
77. **Southwestern Literature.** (1) I. Interpretation of the cultural and esthetic values in literature of the American Southwest.
- *82. **American Literature.** (3) II. A general survey of the field to 1900, with more intensive study of the great writers of the nineteenth century.
- 83 s. **Contemporary Letters and Criticism.** (.5) Offering a series of lectures by leading poets, novelists, and critics of the Southwest. Fee \$1.50. (Offered in summer session only.)
- 85 ab. **Journalism.** (2-2) Yr. History, theory, and practice of journalism. One lecture and one 2-hour laboratory period per week.
88. **Comparative Literature.** (2) II. Lectures on literary monuments of Palestine, Greece, Rome, and Medieval and Renaissance Europe, supplemented by reading of kindred and derived work in English literature.
91. **History of the English Language.** (2) I. The etymology, morphology, phonetics, and semantics of English; the relation between linguistic and cultural changes.

- 95 ab. [115 ab] **Greek Literature in Translation.** (2-2) Yr. Lectures on the development and reading of various masterpieces of poetry and prose. (Not offered in 1937-1938.)

For Juniors, Seniors, and Graduates

132. **Contemporary Poetry.** (3) II. English and American poetry. Prerequisite: English 53 b or 57 a.
141. **Shakespeare.** (3) II. A detailed study of selected plays.
143. **Drama of the Restoration and Eighteenth Century.** (3) II. The best plays from D'Avenant to Sheridan. Prerequisite: English 53 a.
144. **Dante in Translation.** (2) I. Dante as the mirror of Medieval thought. Restricted to senior and graduate students. Prerequisites: English 53 a or 57 a.
146. **Milton.** (3) II. All of Milton's poetry will be read, some of his prose, and some representative prose and verse from other writers of the period. Prerequisite: English 53 a or 57 a.
147. **Studies in World Drama.** (2) I.
148. **Early and Later Elizabethan Drama.** (3) II. Special attention to the plays of Marlowe and Jonson. Prerequisite: English 53 a or 57 b.
149. **Contemporary Drama.** (2) I. Prerequisite: 57 b, or one course taken from English 141, 143, 147, and 148.
151. **Chaucer.** (3) I. A reading of Chaucer's chief literary works with an examination of his philosophy. Prerequisite: English 53 a or 57 a.
154. **Middle English.** (3) II. A general survey of the types of fourteenth century literature. Prerequisite: English 53 a.
157. **Elizabethan Literature Exclusive of the Drama.** (3) I. Studies in the prose and poetry of the period. Prerequisite: English 53 a or 57 a.
- 161 s. **Advanced Composition.** (2.5) Open only to English majors and minors or others already proficient in the fundamentals of writing. (Offered in summer session only.)
177. **The Classical Period in English Literature.** (3) I. The chief writers in England from the Restoration to the decline of neoclassicism. Prerequisite: English 53 a or 57 a.
178. **The Romantic Period.** (3) II. The major poets, and the prose of the early nineteenth century. Prerequisite: English 53 a or 57 a.
181. **Victorian Poets.** (3) I. The representative poets from 1830 to 1890. Prerequisite: English 53 a or 57 a.
- 185 ab. **The English Novel.** (3-3) Yr. I—Fiction of the eighteenth century; II—from Thackeray to the present. Prerequisite: English 53 a or 57 b.
195. **History of Criticism, Chiefly English.** (1) I. Restricted to seniors and graduates.
198. **Review Seminar.** (I) II. Senior English majors are required to take this course.

For Graduates Only

250. **Old English.** (2) II. Readings in Old English prose and poetry, exclusive of Beowulf.
251. **Problems.** (1 to 3) I, II. Studies in literature and philology.
300. **Thesis.** I, II.

DEPARTMENT OF GEOLOGY

Professors Northrop (Head), Ellis*; Associate Professor Bostwick; Graduate Fellow Jamison.

Group Requirements

Courses in Geology are accepted toward fulfilling the requirements of Group IV.

Major Study

Twenty-four hours beyond courses 1, 2, 5 L, and 6 L; Chemistry 1 ab and 1 abL and Geology 51 and 52 L are required. Chemistry 113, Physics 116 and 116 L, Civil Engineering 169 L, and Engineering 55 L may be counted toward a major. For students whose major interest is paleontology and stratigraphy, courses in biology are recommended; for students whose major interest is mineralogy and petrology, courses in chemistry are recommended.

Minor Study

Twelve hours beyond courses 1, 2, 5 L, and 6 L.

Primarily for Freshmen and Sophomores

- *1. **Physical Geology.** (3) I, II.
- *2. **Historical Geology.** (3) II. Prerequisite: Geology 1.
- *5 L. **Physical Geology Laboratory.** (1) I, II. Credit suspended when Geology 1 is not passed. Co-requisite: Geology 1. One 2-hour laboratory period per week.
- *6 L. **Historical Geology Laboratory.** (1) II. (Credit suspended when Geology 2 is not passed.) Co-requisite: Geology 2. One 2-hour laboratory period per week.
51. **Mineralogy.** (2) I. Includes some study of crystals, the physical properties of minerals, and a critical study of 75 minerals. Prerequisite: elements of chemistry.
- 52 L. **Determinative Mineralogy.** (2) II. Practice in the identification of minerals, both by their physical properties and by blowpipe methods. About 125 minerals will be determined and studied so that they may be identified at sight. Prerequisite: Geology 51. Two 2-hour laboratory periods per week.
- *53. **Meteorology.** (2) I.
- *54. **Geography of North America.** (2) II.

For Juniors, Seniors, and Graduates

- 101 ab. [101, 102] **Economic Geology.** (3-3) Yr. I—Non-metals; II—Metals. Prerequisites: Geology 2, 6 L, 51, and 52 L.
105. **New Mexico Geology.** (2 to 4) I. Prerequisites: Geology 2, 6 L, 101 ab. (Offered in 1937-1938 and alternate years.)
106. **Geologic Mapping.** (2) II. Prerequisites: Geology 2 and 6 L, and Civil Engineering 169 L.

*Died March 18, 1937.

- 107 L. **Petrology.** (3) I. Prerequisite: Geology 2 and 6 L; courses in chemistry are recommended. Two lectures and one 2-hour laboratory period per week.
108. **Structural Geology.** (3) II. Prerequisite: Geology 107 L.
- 109 abL. **Stratigraphy.** (4-4) Yr. Prerequisites: Geology 2 and 6 L. Credit not given for 109 a until 109 b is completed. Two lectures and two 2-hour laboratory periods per week. (Offered in 1938-1939 and alternate years.)
- 111 abL. **Paleontology.** (4-4) Yr. Prerequisites: Geology 2, 6 L, and some knowledge of biology. Credit not given for 111 a until 111 b is completed. Two lectures and two 2-hour laboratory periods per week. (Offered in 1937-1938 and alternate years.)
115. **Petroleum Geology.** (3) I. Prerequisites: Geology 2 and 6 L; Geology 107 L and 108 recommended. (Offered in 1937-1938 and alternate years.)
116. **Sedimentation.** (3) II. Prerequisites: Geology 2 and 6 L; Geology 107 L and 108 recommended. (Offered in 1937-1938 and alternate years.)
121. **Conservation of Natural Resources.** (3) I. Prerequisite: Geology 54. (Offered in 1938-1939 and alternate years.)
131. **Pleistocene Geology.** (2) I. Prerequisites: Geology 2 and 6 L.
- 141 ab. **Principles of College Geography.** (2-2) Yr.
- 151 ab. **Problems.** (2-2) Yr.
181. **Geomorphology.** (3) I. Prerequisite: Geology 108. (Offered in 1938-1939 and alternate years.)
182. **Geomorphology of the United States.** (3) II. Prerequisite: Geology 181. (Offered in 1938-1939 and alternate years.)

For Graduates Only

- 251 ab. **Problems.** (2-3 hours each semester) Yr.
300. **Thesis.** I, II.

DEPARTMENT OF GOVERNMENT AND CITIZENSHIP

Professors White (Head), Zimmerman; Associate Professor Donnelly; Assistant Behringer.

The study in this department is designed to enable the student to understand the nature, function, and problems of government. Much attention is given to the duties and problems of the citizen. Certain courses are arranged for students who expect to enter the public service or the field of law.

Group Requirements

Courses in Government and Citizenship are accepted toward fulfilling the requirements of Group III.

Major Study

Thirty hours including courses 1 ab and 51 ab.

Minor Study

Eighteen hours including courses 1 ab and 51 ab.

Primarily for Freshmen and Sophomores

- *1 ab. **Introductory Course.** (2-2) Yr. The problems of government, methods of study, and the development of a scientific attitude. Advanced students admitted by permission.
- *5. **New Mexico Civics and Government.** (2).
- *51 ab. **American Government and Politics.** (3-3) Yr. Our system of government, national, state, and local.
- 61 ab. **Nature and Sources of Law.** (2-2) Yr. The origin, nature, and function of law as a social institution. The development of the common law under American influences. (Offered 1937-1938 and alternate years.)
- 71 ab. **European Governments.** (3-3) Yr. Government as a problem. A consideration of the form which government has taken in a number of European states. (Not offered in 1937-1938.)
- 75. **Public Opinion.** (3) I. Public opinion as it affects party alignments and governmental programs. The methods used by special interests in influencing public opinion. Prerequisite: Government 1 ab.
- 76. **Political Parties.** (3) II. Political parties, political bosses, and popular leaders. Prerequisite: Government 1 ab.

For Juniors, Seniors, and Graduates

- 103. **Problems of Democracy.** (3) I. Governmental policies in relation to poverty, unemployment, old-age pensions, and other activities concerned with the general welfare.
- 104. **Principles of Citizenship.** (3) II. The origin and nature of such attitudes as express themselves in citizenship, and the effect our political institutions have on these attitudes; problems in education for citizenship.
- 141. **International Relations.** (3) I. The origin and nature of the problems involved in international relations. Recommended: History 1 b and 51 b.
- 142. **Contemporary World Politics.** (3) II. An analysis of the foreign policies of the great powers and of contemporary problems growing out of these foreign policies.
- 143. **International Law.** (3) I. The origin, nature, and application of the rules of international law. Prerequisites: Government 1 ab and 51 ab. (Not offered in 1937-1938.)
- 151. **American Diplomacy.** (3) I. (Same as History 151.)
- 154. **Latin-American Diplomacy.** (3) II. The diplomatic relations of the Latin-American republics.
- 167. **Political Theory.** (3) I. Political thought from the Greek period to modern times.
- 168. **Contemporary Political Theory.** (3) II. Socialistic theories; the theory of the fascist corporate state; theories of current governmental policies.
- 175. **Constitutional Law.** (3) I. The Constitution of the United States as it has been interpreted by the courts. Prerequisite: Government 51 ab.

176. **Government and Business.** (3) II. The political effects of business enterprising and governmental intervention. Prerequisite: Government 1 ab.
- 195 ab. **Advanced Reading Course.** (2-4 hours each semester) Yr. For approved seniors and graduates who wish to explore a field of independent study.
- 197 ab. **Seminar.** (2-4 hours each semester) Yr. Open to advanced students with approved qualifications.

For Graduates Only

- 201 ab. **Administrative Problems in State and Local Government.** (2-2) Yr.
205. **Political Parties and Electoral Problems.** (2-4)
261. **Constitutional Problems in Public Administration.** (2-4) I.
262. **Problems in International Law and Relations.** (2-4) II.
300. **Thesis.** I, II.

DEPARTMENT OF GREEK AND LATIN

Professor Mitchell (Head).

GREEK

Courses in the Greco-Roman heritage are offered in the Departments of Anthropology, English, and History.

LATIN

Group Requirements

Courses in Latin numbered below 100 are accepted toward fulfilling the requirements in Group II.

Major Study

Twenty-four hours in courses numbered above 53 b. A comprehensive examination is required.

Minor Study

Twelve hours in courses numbered above 53 b.

Primarily for Freshmen and Sophomores

- 53 ab. **Intermediate Latin.** (3-3) Yr. Selections from various authors, especially Cicero and Ovid. Prerequisite: two units of Latin or equivalent. (Not offered in 1937-1938.)
- 55 ab. **Virgil.** (3-3) Yr. Selections from Virgil with studies in prosody. Prerequisite: two units of Latin or equivalent.
- 71 ab. **Latin Literature.** (3-3) Yr. Selections from various authors. Prerequisite: three years of Latin. (Not offered in 1937-1938.)
- 81 ab. **Latin Grammar and Composition.** (1-1) Yr. Prerequisite: three years of Latin.
- 91 ab. **Latin Literature.** (3-3) Yr. Selections from various authors. Prerequisite: three years of Latin.

For Juniors, Seniors, and Graduates

General prerequisite: twelve hours of college Latin.

- 161 ab. **Advanced Reading.** (3-3) Yr. One course is given each semester in one of the following fields of study: history (Tacitus); Roman novel and plebeian Latin (Apuleius and Petronius); satire (Horace and Juvenal); biography (Suetonius); comedy (Plautus and Terence); philosophy (Lucretius); historical Latin grammar and syntax.
- 195 ab. **Problems.** (2-2) Yr. Original investigations in grammar, syntax, public and private life.

For Graduates Only

Graduate work is offered only when circumstances permit. Arrangements should be made in advance.

- 251 ab. **Problems.** (2-2) Yr. Original investigations in syntax, semasiology, dictionary making, supervised reading.
300. **Thesis.** I, II.

DEPARTMENT OF HEALTH

Professors Scott (Head), Gekler.

Major and Minor in Department Not Offered

- *1. **Personal Health.** (2) I. The general principles of healthful living.
- *2. **Community Health.** (2) II. Community methods for protection of health of its citizens.
- *3. **Social Hygiene.** (2) I. The hygiene of sex life.
- *4. **Introduction to Public Health.** (2) II. Public health ideals and methods.
72. **Educational Hygiene.** (2) I. (Same as Education 72.) Health defects and hazards in schools.
81. [107] **Health Statistics.** (2) I. Principles and applications. (Not offered in 1937-1938.)
82. [110] **Methods and Materials in Health Education.** (2) II. (Same as Education 82.)
83. [108] **Journal Club.** (2) II. Readings and reports on health literature.
87. [109] **Rural Hygiene.** (2) I. Essentials of rural sanitation.
90. [111] **Public Health Law.** (2) II. Laws, regulations, police power.
105. **Epidemiology.** (3) I. Epidemic diseases, epidemic methods.
106. **Hygiene of Adult Life.** (2) II. Degenerative diseases of adults. (Not offered in 1937-1938.)
122. **Public Health Practice.** (2) I. Field course, methods, practice.

DEPARTMENT OF HISTORY

Professors Hammond (Head), Dargan; Associate Professor Bloom; Assistant Professors Reeve, Sacks; Instructor Woodward; Graduate Fellow Brayer.

Group Requirements

Courses in History are accepted toward fulfilling the requirements of Group III.

Major Study

Thirty hours, including 12 hours from courses 1 ab, and 11 ab or 51 ab, and at least 15 hours numbered above 100. All students who intend to take upper division courses in history are urged to acquire a reading knowledge of at least one foreign language, preferably Spanish, before reaching the junior year. Seniors must pass a comprehensive examination in European history, and in two of the following fields: United States, Southwestern, and Hispanic American.

Minor Study

Eighteen hours, including 1 ab or 11 ab, and not less than 6 hours numbered above 100.

Primarily for Freshmen and Sophomores

- *1 ab. **Western Civilization.** (3-3) Yr. The contributions of man from the earliest times.
- *11 ab. **History of the Americas.** (3-3) Yr. The western hemisphere from the discovery till the present.
- *31. **History of New Mexico.** (2) I, II. Not accepted toward the major or minor.
- *51 ab. **History of the United States.** (3-3) Yr. From the close of the Revolution to the present.
- *81 ab. **History of Greece and Rome.** (3-3) Yr.

For Juniors, Seniors, and Graduates

General prerequisite: Not less than 6 hours in History.

- 102. **Historical Method.** (3) I.
- 122. **The Middle Ages.** (3) II. (Offered in 1937-1938 and alternate years.)
- 123. **The Renaissance and the Reformation.** (3) II. (Offered in 1938-1939 and alternate years.)
- 131 ab. **History of England.** (3-3) Yr. From the earliest times to the present.
- 135. **Modern Britain.** (3) I. Imperial Britain.
- 141 ab. **Modern Europe, 1500-1914.** (3-3) Yr. Emphasis on social, economic, and intellectual developments on the continent.
- 146. **Europe since 1914.** (3) II. The post-war era and its problems. (Offered in 1938-1939 and alternate years.)
- 151. **American Diplomacy.** (3) I.
- 161 ab. **History of Hispanic America.** (3-3) Yr. (Offered in 1938-1939 and alternate years.)
- 165. **History of Spain.** (3) I. The development of Spain. (Offered in 1937-1938 and alternate years.)
- 168. **History of Mexico.** (3) II. (Offered in 1937-1938 and alternate years.)
- 171 ab. **The American Colonies and the Revolutionary Period to 1789.** (3-3) Yr. (Offered in 1938-1939 and alternate years.)
- 173 ab. **Representative Americans.** (2-2) Yr. The great personalities who have influenced American history.
- 175. **The South in American History.** (3) I. Washington to Lincoln.

178. **Recent History of the United States.** (3) II. The period since the Civil War.
179 ab. **Constitutional History of the United States.** (2-2) Yr.
181 ab. **History of the American Frontier.** (3-3) Yr. Emphasis on the Trans-Mississippi West.
191 ab. **History of the Southwest.** (3-3) Yr.

For Graduates Only

- 201 ab. **Source Material in the Spanish Colonial Period.** (2-2) Yr. Training in the research use of manuscript sources. Reading knowledge of Spanish required.
251 ab. **Seminar.** (2-2) Yr. In 1937-1938, the subject will be the Southwest and Mexico.
261 ab. **Research in History.** (2-2) Yr. The student's project shall be embodied in thesis form and approved by the Department.
300. **Thesis.** I, II.

DEPARTMENT OF HOME ECONOMICS

Professor Simpson (Head); Instructors Moser, Wade.

Group Requirements

Home Economics 53 abL is accepted toward fulfilling the requirements of Group IV.

Major Study in College of Education

See curriculum for students preparing to teach home economics.

Minor Study

Courses 11, 12 L, 14 L, and 12 hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

- †5 G. **Clothing Selection.** (3) I. Factors influencing the character of dress design for the individual, and the choice of ready-to-wear garments.
†6 GL. **Clothing Construction.** (3) II. Use of machine attachments in garment construction; alteration and adaptation of patterns and fundamentals of fitting and finishing garments. Three 2-hour laboratory periods per week.
11. **Clothing Selection.** (3) I. From the standpoint of artistic, economic, and hygienic standards.
12 L. **Clothing Construction.** (2) II. Emphasizing technique and application of art principles; problems in wash materials. Prerequisite: Home Economics 11; co-requisite: Home Economics 14. Two 2-hour laboratory periods per week.
*14 L. **Textiles.** (3) II. Construction, color, finish, and other factors in household materials. Two lectures and one 2-hour laboratory period per week.
†15 abGL. **Food Preparation.** (3-3) Yr. The composition, selection, and preparation of meals for the family group. Trips to dairies, bakeries, and markets. One lecture and two 2-hour laboratory periods per week. (Offered in 1937-1938 alternately with 25 G and 26 G.)

- †25 G. **Social Arts.** (2) I. Social usages; personal appearance, personality development. Special consideration of dress and etiquette for various occasions. (Offered in 1938-1939 alternately with 15 aGL.)
- †26 G. **Family Relationships.** (2) II. The relationship and the responsibilities of the various members of the family to each other and to the community. (Offered in 1938-1939 alternately with 15 bGL.)
- 53 abL. **Food Selection and Preparation.** (3-3) Yr. I—Selection, preparation, and cost of foods, emphasizing nutritive value and palatability. II—Problems in baking, salads, and desserts; 6-week unit in preparation and serving of meals. One lecture and two 2-hour laboratory periods per week.
- †57 GL. [67 GL]. **Equipment.** (3) I. The points of selection and methods of operation and care of household equipment. Lecture and laboratory arranged. (Offered in 1937-1938 alternately with 59 G.)
- †58 G. [68 G]. **Child Development.** (3) II. The physical development of the child in the prenatal and preschool periods. Factors which affect the mental, social, and emotional growth. (Offered in 1937-1938, alternately with 70 G.)
- †59 G. **Consumer Purchasing.** (3) I. The standards which affect the consumer's selection of food, clothing, equipment, and house furnishings; types of goods available and their influence upon the choice of the buyer. (Offered in 1938-1939 alternately with 57 G.)
- 63 abL. **Dressmaking.** (2-2) Yr. I—Tailored garments in wool; children's clothing. II—Problems in silk; designs and adaptation of patterns. Prerequisite: Home Economics 12 L; 63 aL is prerequisite to 63 bL. Two 2-hour laboratory periods per week.
- †65 GL. **Meal Planning.** (3) I. Individual work in planning and serving family meals. Selection of china, glass, silverware, and linen for the home. One lecture and two 2-hour laboratory periods per week. (Not offered 1937-1938.)
67. **Textile Economics.** (1) I. The economics of fashion and textile buying. Prerequisite: Home Economics 14.
68. **History of Costume.** (2) II. Costume from the early Egyptian period to the present time. Taken concurrently with 63 bL.
- †70 G. **The House.** (3) II. Its care, management, and furnishings. The family income; standards of living. (Offered in 1938-1939 alternately with 58 G.)

For Juniors and Seniors

104. **Nutrition.** (2) II. Primarily for Physical Education majors. The relation of nutrition to the health program; corrective diets.
- 107 L. **Advanced Foods.** (3) I. Food economics. Household marketing; food laws; history of cookery. Prerequisites: Home Economics 53 bL and Chemistry 68 L. One lecture and two 2-hour laboratory periods per week.

109. **Home Furnishings.** (3) I. The decoration and furnishing of the home; fabrics in relation to their decorative and useful qualities.
111. **Consumer Education.** (3) I. Standards of selection; types of goods; distribution and advertising.
- 120 L. **Equipment.** (2) II. Factors in the purchase and operation of household equipment. Practical work in the laboratory. (Offered in 1937-1938 and alternate years.)
127. **Dietetics.** (4) I. Food requirements in normal nutrition; calculation and preparation of dietaries. Prerequisite: Home Economics 107 L.
128. **Family Relationships.** (3) II. The relationships among family members; use of leisure time; community responsibility. (Offered in 1938-1939 and alternate years.)
132. **Household Management.** (3) II. Scientific management of the home; budgeting; community relationships.
138. **Child Care and Development.** (3) I. Growth and development during the prenatal, infancy, and preschool periods; physical care and food requirements; observation and assistance in the nursery school.
- 182 L. **Meal Planning and Serving.** (4) II. Dietetic, economic, and aesthetic aspects of meal service; practice in the selection and purchase of food. Prerequisites: Home Economics 107 L and 127. Two lectures and two 2-hour laboratory periods per week.
196. **Home Economics Seminar.** (1-2) I, II.

DEPARTMENT OF LATIN

See Greek and Latin

DEPARTMENT OF LIBRARY SCIENCE

Professor Shelton (Head); Instructor Piercy.

1. **Elementary Library Science.** (2) I, II. Introduction to library methods, with a survey of cataloging, classification, and the sources of printed matter, with methods and practice in search for information in standard reference books, periodicals, government publications, scientific and technical literature.
- 24 s. **Administration of School Libraries.** (2) Equipment and administration of school libraries, loan work, statistics, budgets, methods and records for acquiring and caring for library materials and planning for school libraries. (Offered in summer session only.)

DEPARTMENT OF MATHEMATICS

Professors Newsom (Head), Barnhart; Instructor Larsen; Part-time Instructor Barker.

Group Requirements

Courses in Mathematics, other than 1, are accepted toward fulfilling the requirements of Group IV.

Major Study

Twenty-four hours in courses numbered above 50. Engineering 51 L and Engineering 55 L may be counted toward a major.

Minor Study

Twelve hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

- *1. **College Arithmetic.** (3) I, II. Not accepted for credit in College of Arts and Sciences.
- 2. **Computation Methods.** (3) II. Methods and devices which make for speed and accuracy in computation. Prerequisites: high school algebra, 1 unit; plane geometry, 1 unit.
- *14. **Fundamentals of Mathematics.** (3) I, II. Methods and aims of mathematics are stressed. Prerequisite: high school algebra, 1 unit.
- 15. **College Algebra.** (3) I, II. Prerequisites: high school algebra, 1 unit; plane geometry, 1 unit.
- *16. **Plane Trigonometry.** (3) I, II. Prerequisites: high school algebra, 1 unit; plane geometry, 1 unit.
- 22. **Plane Analytic Geometry.** (3) I, II. Prerequisites: Mathematics 14 and 16, or Mathematics 15 and 16. Mathematics 16 may be taken concurrently.
- *52. **Introduction to Astronomy.** (3) II. Extensive knowledge of science or mathematics not required.
- 53. **Differential Calculus.** (4) I, II. Prerequisites: Mathematics 14 and 16, or Mathematics 15 and 16. Mathematics 22 recommended.
- 54. **Integral Calculus.** (4) II. Prerequisite: Mathematics 53.

For Juniors, Seniors, and Graduates

- 101. **Higher Algebra.** (3) Selected topics, with special emphasis on theory and methods. Prerequisite: Mathematics 22. (Offered in 1938-1939 and alternate years.)
- 102 ab. **College Geometry.** (3-3) Yr. Advanced Euclidean geometry. Prerequisite: Mathematics 22. (Offered in 1937-1938 and alternate years.)
- 104. **Foundations of Mathematics.** (2) I. A critical study of the construction of a mathematical system. Prerequisite: Mathematics 22, or consent of instructor. (Offered in 1937-1938 and alternate years.)
- 115. **Theory of Equations.** (3) II. Prerequisite: Mathematics 53. (Offered in 1937-1938 and alternate years.)
- 117. **Mathematics of Finance.** (3) I. Fundamental problems of finance, including interest, discounts, annuities, bonds, loan associations, and amortization. Accepted for major credit by the Department of Economics. Prerequisite: Mathematics 14 or 15.
- 118. **The Mathematics of Life Insurance.** (3) II. The elementary principles underlying old line insurance. Prerequisite: Mathematics 117 or equivalent. (Offered in 1937-1938 and alternate years.)

- 121. **Analytic Geometry of Space.** (3) Prerequisite: Mathematics 54. (Offered in 1938-1939 and alternate years.)
- 131. **Elementary Mathematical Statistics.** (3) I. Designed to supplement courses in statistics in other departments, with the stress on the mathematical principles involved. Prerequisite: Mathematics 22 or consent of instructor.
- 132. **The Mathematical Theory of Statistics.** (3) II. The higher characteristics of frequency distributions, the theory of sampling and probable error, the graduation of frequency distributions by methods of Pearson and Chalker, correlation, and certain portions of the theory of probability. Prerequisite: Mathematics 54. (Offered in 1938-1939 and alternate years.)
- 141. **Vector Analysis.** (3) I. (Same as Physics 141.) Prerequisites: Physics 1 b or 51 b, and Mathematics 54.
- 142. **Physical Mechanics.** (3) II. (Same as Physics 142.) Prerequisites: Physics 1 b or 52 b, and Mathematics 54.
- 151 ab. **Advanced Analysis.** (3-3) Yr. Topics in advanced calculus and differential equations of special importance to physical science. Prerequisite: Mathematics 54.
- 161. **History of Mathematics.** (3) Mathematics in relation to other factors in history. Prerequisite: at least one course in college mathematics. (Offered when there is sufficient demand).
- 181 ab. **Problems.** (1 or 2 hours each semester) Yr. Individual investigation on selected topics for properly qualified upper-classmen. Prerequisite: consent of instructor.
- 192. **Theory of Functions of a Complex Variable.** (3) II. Prerequisite: Mathematics 54. (Offered in 1937-1938 and alternate years.)

For Graduates Only

- 251 ab. **Problems.** (1-3 hours each semester.) Yr. Reading and research on selected topics. Registration by permission only.
- 300. **Thesis.** I, II.

DEPARTMENT OF MODERN LANGUAGES AND LITERATURE

Professor Kercheville (Head); Associate Professors Campa, Englekirk; Assistant Professors DeJongh†, Koch; Instructors Jarman, Kiddle; Graduate Fellows Beckett, Denton.

Group Requirements

Courses in this department, with the exception of Spanish 20, 25, 39 ab, 49 ab, 81, 82, and all courses under Hispanic Studies, are accepted toward fulfilling the requirements of Group II.

Students presenting 1 unit in French, German, or Spanish may enroll in French 1 b, German 1 b, or Spanish 1 b at the beginning of the second semester. Students presenting 2 high school units in French or German enroll in French 51 a or German 51 a. Students presenting 2 or 3 units in Spanish enroll in Spanish 20, 41 a, 51 a, or 53 a, depending upon their aims in studying Spanish, and their preparation and ability. Students presenting 4 units in French or German will be

†On leave of absence 1936-1937.

placed in proper courses upon the advice of the instructor concerned and the approval of the head of the department. Students presenting 4 units in Spanish enroll in Spanish 91 a or 93 a.

General College.—Students of the General College who can show evidence of the proficiency necessary to enter advanced courses will be admitted, subject to the approval of the instructor.

Related Subjects.—Students with majors in French, Spanish, or Hispanic Studies are urged to take courses in Roman and Western European history; in Spanish, Latin-American, or New Mexican history; in Greek and Roman mythology; in anthropology; and in other languages.

Bilingual Pan-American Institute.—The Department of Modern Languages sponsors each year a bilingual Pan-American institute. This institute, of several days' duration, is valuable as a laboratory for Spanish majors, and participation in its work is strongly recommended for students majoring in Spanish or Hispanic Studies.

Field Session in Mexico.—Arrangements may be made for special study tours in Mexico.

FRENCH

Major Study

Twenty-four hours in courses numbered above 50. A French major requires a minor in Spanish or Latin.

Minor Study

Twelve hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

- *1 ab. **Elementary French.** (3-3) Yr. Credit for 1 a suspended until 1 b is completed.
- *51 ab. **Intermediate French.** (3-3) Yr. Grammar, reading, and translation. Prerequisite: French 1 ab or two high school units.

For Juniors, Seniors, and Graduates

General prerequisite: French 51 ab or equivalent.

- 101 ab. **Advanced Composition and Conversation.** (3-3) Yr. (Offered in 1937-1938 alternately with French 121 ab.)
- 105 ab. **French Literature of the Nineteenth Century.** (3-3) Yr. (Offered in 1937-1938 alternately with French 111 ab.)
- 111 ab. **Contemporary French Literature.** (3-3) Yr. (Offered in 1938-1939 alternately with French 105 ab.)
- 121 ab. **French Comedy.** (3-3) Yr. Writers of the classical period. (Offered in 1938-1939 alternately with French 101 ab.)
- 151 ab. **Survey of French Literature from the Renaissance to the French Revolution.** (3-3) Yr.

GERMAN

Major Study

Not offered.

Minor Study

Twelve hours in courses numbered above 50.

Primarily for Freshmen and Sophomores

- 1 ab. **Elementary German.** (3-3) Yr. Credit for 1 a suspended until 1 b is completed.
- *51 ab. **Intermediate German.** (3-3) Yr. Prerequisite: German 1 ab or two high school units.
- 61. **Post-war Literature.** (3) I. German literature since the World War.
- 62. **Scientific German.** (3) II. Readings in psychology, chemistry, mathematics, biology, and anthropology.

For Juniors, Seniors, and Graduates

- 151 ab. **Survey of German Literature.** (3-3) Yr.

SPANISH**Major Study**

Twenty-four hours in courses numbered above 50, with exception of Spanish 81 and 82, including Spanish 151 ab and Spanish 153; and two years of college work in French or Latin. All Spanish majors are urged to take French as a minor.

Minor Study

Twelve hours in courses numbered above 50 with the above exceptions.

Primarily for Freshmen and Sophomores

- *1 ab. **Elementary Spanish.** (3-3) Yr. Credit for 1 a suspended until 1 b is completed.
- *20. **Review of Fundamentals.** (3) I. A thorough review of the fundamental principles of Spanish grammar, together with the reading of at least one intermediate text. Followed by 41 a in second semester.
- *25. **Practical Elementary Phonetics.** (1) I, II. For students wishing to perfect their pronunciation of English and Spanish.
- *39 ab. **Commercial Spanish.** (2-2) Yr. Business terms and commercial letter writing. (Not offered in 1937-1938.)
- *41 ab. **Intermediate Spanish.** (3-3) Yr. Divided into three sections: Section A stresses grammar and composition; B, reading; and C, conversation. Prerequisite: Spanish 1 ab or equivalent. Spanish 41 a offered second semester also.
- *49 ab. [150] **Modern Language Masterpieces.** (2-2) Yr.
- *51 ab. **Intermediate Reading.** (3-3) Yr. Selected readings and conversation. For majors and minors.
- *53 ab. **Intermediate Composition.** (2-2) Yr. Class composition and conversation. (Offered in 1937-1938 and alternate years.)
- 61. **Short Story.** (3) Outstanding short stories of Spanish literature.
- *81. **Spanish Civilization.** (2) I. Spain's contribution to civilization in language, literature, fine arts, and religion. Conducted in English.
- *82. **Mexican Civilization.** (2) II. Mexico and the Mexican peoples. Conducted in English.

- *91 ab. **Advanced Reading.** (3-3) Yr. For students who expect to major in Spanish. Prerequisites: Spanish 51 ab or three years of high school Spanish.
- *93 ab. **Advanced Composition and Conversation.** (3-3) Yr. Prerequisites: Spanish 51 ab and 53 ab, or four years of high school Spanish. For majors and minors.

For Juniors, Seniors, and Graduates

- 107 ab. **Spanish Novel.** (3-3) Yr. I—The beginning and development of the novel. II—The Spanish novel of the nineteenth and twentieth centuries. (Offered in 1937-1938 alternately with Spanish 165 ab.)
- 109 ab. **Contemporary Spanish Literature.** (2-2) Yr. (Offered in 1938-1939 alternately with Spanish 121 ab.)
- 113 ab. **"Lo Popular" in Hispanic Literature.** (2-2) Yr. The folklore elements in Hispanic literature. (Offered in 1938-1939 alternately with Spanish 115 and 116.)
- 121 ab. **Evolution of the Spanish Drama.** (2-2) Yr. I—Principal dramatists of the Golden Age. II—The nineteenth and twentieth centuries. (Offered in 1937-1938 alternately with Spanish 109 ab.)
131. **Advanced Spanish Grammar.** (2) I. Training in Spanish grammar and syntax. For teaching and other practical use. Prerequisite: Spanish 93 ab or the equivalent. (Offered in 1937-1938 alternately with Spanish 159 a.)
- 151 ab. **General Survey of Spanish Literature.** (3-3) Yr. I—The period before 1700. II—The nineteenth and twentieth centuries. Prerequisite: Spanish 91 ab or equivalent.
153. **Phonetics and Intonation.** (2) Scientific study of the sounds of the language. Required of majors.
- 157 ab. **General Survey of Spanish-American Literature.** (3-3) Yr. I—The period prior to 1888. II—Contemporary letters. Required of candidates for the master's degree. Prerequisite: Spanish 151 ab. (Offered in 1937-1938 alternately with Spanish 163 ab.)
- 159 ab. **The "Siglo de Oro" in Spanish Literature.** (2-2) Yr. The dramatists and poets of the Spanish "Siglo de Oro." (Offered in 1938-1939 alternately with Spanish 131.)
- 163 ab. **Contemporary Spanish-American Literature.** (2-2) Yr. (Offered in 1938-1939 alternately with Spanish 157 ab.)
- 165 ab. **Cervantes.** (3-3) Yr. The Quijote, Novelas Ejemplares, and others. (Offered in 1938-1939 alternately with Spanish 107 ab.)
171. **Lyric Poetry.** (2) I. From the troubadours to the present time. Required of candidates for the master's degree.

For Graduates Only

201. **History of Spanish Language.** (2) I. The principal laws involved in the evolution of Spanish from Latin. Required of candidates for the master's degree. (Offered in 1937-1938 alternately with Spanish 203 a.)

202. **Old Spanish Readings.** (2) II. Practical application of historical laws. (Offered in 1937-1938 alternately with Spanish 203 b.)
- 203 ab. **Comparative Romance Philology.** (2-2) Yr. The romance languages and literatures through the medieval period. (Offered in 1938-1939 alternately with Spanish 201 and 202.)
- 251 ab. **Problems Seminar.** (2-2) Yr.
300. **Thesis.** I, II.

HISPANIC STUDIES

Besides the courses offered for a major in Spanish language and literature, the Department offers a major in Hispanic Studies, intended to give the student a comprehensive background of Spanish life and culture, looking toward a better understanding of the social, educational, and cultural problems of the American Southwest. Prerequisites for registration in this course are: completion of Spanish 51 ab and 53 ab, or the equivalent; Anthropology 1 ab and 62; Economics 43; all lower division requirements.

Major Study

Thirty semester hours in courses listed below, together with a minor in Spanish:

Required: English 141; History 165, 191 b; Spanish 81, 82, 115, 116, 161, 162.

Elective: Anthropology 101, 184; English 143, 149; History 161 ab, 168; Spanish 107 ab, 121 ab, 171.

Minor Study

Twelve semester hours in the following courses: History 191 b or 165, English 141, Spanish 81, 115, 162. A minor pre-supposes at least two years of college Spanish or the equivalent.

For Juniors, Seniors, and Graduates

115. **Southwestern Folklore.** (2) I. Special stress on New Mexico. (Offered in 1937-1938 alternately with Spanish 113 a.)
116. **Folk Drama.** (2) II. Secular and religious drama of the Southwest, beginning with the Spanish occupation. Prerequisite: reading knowledge of Spanish. (Offered in 1937-1938 alternately with Spanish 113 b.)
161. **Folk Tales.** (2) I. The folk tale in Europe and in Spanish America.
162. **Folk Ballads and Songs.** (2) II. Spanish balladry in the New World, particularly in New Mexico.

DEPARTMENT OF MUSIC

Associate Professors Thompson (Head), Clauve; Assistant Professors Helfrich, Redman; Part-time Instructors Ancona, Kunkel, Rodey.

Major Study (College of Arts and Sciences and College of Education)

Twenty-four hours in one field of applied music, and 20 hours of theoretical courses.

Minor Study (College of Arts and Sciences and College of Education)

Twelve hours in one field of applied music, and 12 hours of theoretical courses.

Music Education

For a major or minor, see curriculum in the College of Education.

Recitals and Public Exercises

All music students are required to attend all studio recitals and to take part in recitals and public exercises.

General College.—Students of the General College who can show evidence of the proficiency necessary to enter advanced courses will be admitted, subject to the approval of the instructor.

Theoretical Courses

- *3 ab. **Ear Training and Sight Reading.** (2-2) Yr. Oral and written dictation, rhythms, sight reading in major and minor modes, intervals, chords, and melodies.
- *13 ab. [53 ab] **Harmony.** (2-2) Yr.
- 53 ab. **Harmony: Written and Keyboard.** (2-2) Yr. Prerequisite: Music 13 ab.
- 63 ab. **Advanced Ear Training and Sight Reading.** (2-2) Yr. Prerequisite: Music 3 ab.
- *71 ab. **Aesthetics of Music.** (2-2) Yr. Musical literature of all periods. Extensive collateral reading required.
- 105 ab. **Counterpoint.** (2-2) Yr. Prerequisite: Music 13 ab.
- 152 ab. [151 ab] **Form and Analysis.** (2-2) Yr. Prerequisites: Music 13 ab and 105 ab.
- 161 ab. **History of Music.** (2-2) Yr. The growth of music to the present day.
- 163 ab. **Music Appreciation.** (2-2) Yr. Recommended for all music students.
- 177 ab. **Orchestration.** (2-2) Yr. Individual instruments; scoring of ensemble music.
- 190 ab. **Composition.** (2-2) Yr. Prerequisite: Music 105 ab.

APPLIED MUSIC

One half-hour lesson per week earns two hours credit per semester.

A student majoring in applied music is required to take two private lessons per week and to give a public recital during the junior and senior years.

Piano

Beginners in piano are not allowed to complete a major.

- 1 ab. **Freshman Course.** (2-4 hours each semester) Yr.
 - 51 ab. **Sophomore Course.** (2-4 hours each semester) Yr.
 - 101 ab. **Junior Course.** (2-4 hours each semester) Yr.
 - 151 ab. **Senior Course.** (2-4 hours each semester) Yr.
- Accompanying.** Class work in accompanying will be offered upon request.

Pipe Organ

Students enrolling in pipe organ are required to have the equivalent of freshman and sophomore piano.

- 1 ab. **Freshman Course.** (2-4 hours each semester) Yr.
- 51 ab. **Sophomore Course.** (2-4 hours each semester) Yr.
- 101 ab. **Junior Course.** (2-4 hours each semester) Yr.
- 151 ab. **Senior Course.** (2-4 hours each semester) Yr.

Violin

Beginners in violin are not allowed to complete a major.

- 1 ab. **Freshman Course.** (2-4 hours each semester) Yr.
- 51 ab. **Sophomore Course.** (2-4 hours each semester) Yr.
- 101 ab. **Junior Course.** (2-4 hours each semester) Yr.
- 151 ab. **Senior Course.** (2-4 hours each semester) Yr.

Voice

- 1 ab. **Freshman Course.** (2-4 hours each semester) Yr.
- 51 ab. **Sophomore Course.** (2-4 hours each semester) Yr.
- 101 ab. **Junior Course.** (2-4 hours each semester) Yr.
- 151 ab. **Senior Course.** (2-4 hours each semester) Yr.

Orchestra and Band Instruments

Courses in orchestra and band instruments are offered according to the demand.

ENSEMBLE MUSIC

A maximum of 4 hours credit may be counted toward a degree in all colleges except Fine Arts, in which 8 hours may be earned.

- *21 ab. [55 ab] **Men's Chorus.** (1-1) Yr. Class meets two hours per week.
- *23 ab. [57 ab] **Women's Chorus.** (1-1) Yr. Class meets two hours per week.
- *33 ab. [61 ab] **Orchestra.** (1-1) Yr. Tests for admission held during freshman week. Class meets two hours per week.
- 35 ab. **Instrumental Ensemble.** (1-1) Yr. Class meets two hours per week.
- *41 ab [59 ab] **Band.** (1-1) Yr. Tests for admission held during freshman week. Class meets two hours per week.
- *43 ab. **Band for Physical Education Credit.** (1-1) Yr. Physical education exemption granted; no credit for music is given. Class meets two hours per week for band practice and one hour per week for drill.

DEPARTMENT OF PHILOSOPHY

Professor Knode (Head); Instructor Alexander.

Group Requirements

Courses in Philosophy, other than 1, are accepted toward fulfilling the requirements of Group III.

Major Study

Philosophy 40, 51, 61 ab and 18 additional hours numbered above 50, of which at least nine must be numbered above 100.

Minor Study

Philosophy 40, 51, 61 ab, and four additional hours, preferably numbered above 100.

Primarily for Freshmen and Sophomores

- *1. **Orientation.** (2) I. The various fields of knowledge; vocational information; student problems.
- *31. **Human Problems.** (2) I. The search for order, scientific generalization, and the making of social changes.
- *40. **Introduction to Philosophy.** (2) II. The function of philosophy and its approach to human problems; the relation of philosophy to science.
- 51. **Logic.** (2) I. The fundamentals of reasoning and the rules of logical thinking.
- 53. **Ethics.** (2) I. Theories of the moral life as developed in European culture. (Offered in 1938-1939 alternately with Philosophy 101.)
- 61 ab. [History of Philosophy] **Western Philosophic Thought.** (3-3) Yr. Problems of thought from primitive times to the present.
- *63. **The World's Living Religions.** (3) I. Survey of existing religions, with special reference to their scriptures. (Offered in 1937-1938 and alternate years.)
- *71. **American Thought.** (3) I. An analysis of origins, movements, and present trends of American thought.
- *72. **Hispanic Thought.** (3) II. Contributions to culture and thinking of the Spanish-speaking peoples of the Old and New Worlds.

For Juniors, Seniors, and Graduates

- 101. **Metaphysics.** (2) I. Analysis of fundamental problems of thought as presented by leading schools of philosophy. Prerequisite: Philosophy 40, or 51. (Offered in 1937-1938 alternately with Philosophy 53.)
- 105 ab. **Plato and Aristotle.** (3-3) Yr. The doctrines of Plato and Aristotle, their relation to Greek thought, and their significance for Occidental culture. Prerequisite: Philosophy 61 a. (Offered in 1938-1939 alternately with Philosophy 107 ab.)
- 107 ab. **Descartes, Spinoza, Kant.** (3-3) Yr. The vital problems of modern thought in their formulation by the three most influential figures of modern philosophy. (Offered in 1937-1938 alternately with Philosophy 105 ab.)
- 174. **Philosophy of Education.** (3) II. (Same as Education 174.)
- 176. **Modern Philosophy.** (3) II. A survey of present-day philosophic thought, with special reference to the works of Whitehead, Bergson, and Dewey. Prerequisite: Philosophy 40. (Offered in 1938-1939 alternately with Philosophy 174.)

- 191 ab. **General Linguistics and Theory of Language.** (2-2) Yr. (Same as Anthropology 191 ab.)
- 195 ab. **Philosophy of Science.** (2-2) Yr. The growth of some basic concepts of science; the meaning of measure and scientific truth. Prerequisite: Philosophy 40 or 51. (Offered in 1937-1938 alternately with Anthropology 191 ab.)

DEPARTMENT OF PHYSICAL EDUCATION

Professors Henry (Head), Johnson; Instructors Chesire, Hays, Moulder; Assistants Dolzadelli, Finley, Letton, Sanchez, Stanton.

Courses in this department have two objectives: to correct physical defects and weaknesses, and to supply the needs of students in accordance with modern demands.

Required Courses

Students under thirty years of age must earn 4 semester hours in required physical education courses. A student may not enroll for more than one required course in one session and may not receive credit toward a degree for more than 4 hours in such courses. Men students may substitute participation in major sports for the required gymnasium work, provided they enroll in Physical Education 1 ab or 51 ab.

General College

Students in the General College who can show evidence of the proficiency necessary to enter advanced courses will be admitted, subject to the approval of the instructor.

PHYSICAL EDUCATION FOR MEN

Major Study

A major in physical education is offered only in the College of Education. Students are required to complete all courses listed in the curriculum and to participate in at least one major sport.

Minor Study

A minor in physical education is offered only in the College of Education. Students are required to complete all courses listed in one of the curricula, and to participate in a major or minor sport.

Uniform for Required Courses

White cotton trunks, a jersey, and basketball or tennis shoes are required for both semesters.

Primarily for Freshmen and Sophomores

- *1 ab. **Freshman Course.** (1-1) Yr. Required of freshmen who do not have credit for a similar course. Three hours per week.
- §*2 ab. **Freshman Course—Fencing.** (1-1) Yr. Three hours per week. Fee \$3.00 each semester.
- §*3 ab. **Freshman Course—Boxing.** (1-1) Yr. Three hours per week.
- §*12 s. **Swimming.** (1). Certificates of health will be required of all persons in the swimming classes. (Offered in summer session only.)

§May be substituted for required physical education.

- *21. Principles and History of Physical Education. (2) I. From the time of the Greeks to the present.
 - 22. Theory and Practice of Basketball. (2) II.
 - *51 ab. Sophomore Course. (1-1) Yr. Required of all sophomores and upperclassmen who do not have credit for a similar course. Three hours per week.
 - §*52 ab. Sophomore Course—Fencing. (1-1) Yr. Three hours per week. Fee \$3.00 per semester.
 - §*53 ab. Sophomore Course—Boxing. (1-1) Yr. Three hours per week.
 - 61. Theory and Practice of Football. (2) I.
 - 62. Theory and Practice of Track and Field Athletics and of Baseball. (2) II.
- For Juniors and Seniors**
- 101. Theory and Practice of Physical Education Activities, Including Natural Gymnastics. (2) I.
 - 102. Theory and Practice of Combative Sports: Boxing, Wrestling, Fencing, etc. (2) II.
 - 135. Corrective Gymnastics. (2) I.
 - 136. Theory of Coaching, Strategy, and Tactics. (2) II. Prerequisites: Physical Education 21, 22, 61, and 62.
 - 162. Theory and Practice of Intramural Athletics and Various Minor Sports. (3) II.
 - 183 ab. Practice Coaching. (2-2) Yr. Prerequisite: senior standing.
 - 186. [Seminar and Thesis] Pro-Seminar. (2) I.

PHYSICAL EDUCATION FOR WOMEN

Major Study

A major in physical education is offered only in the College of Education. Students are required to complete all courses listed in the curriculum.

Minor Study

A minor in physical education is offered only in the College of Education. The minor consists of 12 hours, not including required physical education courses.

Uniform

White blouse, black knickers, white socks, and white tennis shoes are required. Majors and minors may have a choice of the regulation uniform or a blue uniform of the same style.

Primarily for Freshmen and Sophomores

- *5 ab. Freshman Course. (1-1) Yr. Adapted to the needs of the students as revealed by their physical examinations. Three hours per week.
- §*6 ab. Freshman Course—Fencing. (1-1) Yr. Three hours per week; Fee \$3.00 each semester.
- §*7 ab. Freshman Course—Horseback Riding. (1-1) Yr. Two 2-hour periods per week. Fee \$10.00 per semester.

§May be substituted for required physical education.

- §*8 s. **Swimming.** (1) Certificates of health will be required of all persons in the swimming classes. (Offered in summer session only.)
- *55 ab. **Sophomore Course.** (1-1) Yr. Three hours per week.
- §*56 ab. **Sophomore Course—Fencing.** (1-1) Yr. Three hours per week. Fee \$3.00 per semester.
- §*57 ab. **Sophomore Course—Horseback Riding.** (1-1) Yr. Two 2-hour periods per week. Fee \$10.00 per semester.
- 65 ab. **Sophomore Technique.** (2-2) Yr. Technique of teaching the following activities: hockey; volleyball and basketball; baseball and tennis. Four hours per week.

For Juniors and Seniors

104. **Nutrition.** (2) II. (Same as Home Economics 104). The relation of nutrition to the health program; corrective diets.
- 107 ab. **Junior Technique.** (2-2) Yr. Technique of teaching the following activities: soccer and speedball; tap, folk dancing, and tumbling; track and field. Four hours per week.
- 155 ab. **Senior Technique.** (3-3) Yr. Technique of teaching swimming, archery, gymnastics, and dancing. Four hours per week.
157. **Principles and Methods of Physical Education.** (4) I.
166. **Remedial Work for Individual Abnormalities.** (3) II. A theoretical and practical study of massage. The mechanics of posture and the common abnormalities of the spine and foot.

PHYSICAL EDUCATION FOR MEN AND WOMEN

For Juniors and Seniors

- 105 ab. **Recreational Leadership.** (3-3) Yr.
161. **First Aid.** (2) II. Emergency treatment of fainting, shock, etc.
167. **Anthropometry and Physical Examination.** (3) I. Technique of measuring, significance of measurement, and use of data. Physical efficiency tests and their significance.
172. **Organization and Administration of Physical Education and Athletics.** (3) II.

DEPARTMENT OF PHYSICS

Associate Professor Workman (Head); Instructor Holzer; Graduate Fellow Koch.

Group Requirements

Courses in Physics are accepted toward fulfilling the requirements of Group IV.

Major Study

Twenty-four hours in courses numbered above 50, not including 61. Students interested in physics as a profession are required to take a comprehensive examination before graduation.

§May be substituted for required physical education.

Minor Study

Twelve hours in courses numbered above 50, not including 61.

Primarily for Freshmen and Sophomores

- 1 ab. **Introductory Physics.** (3-3) Yr. Prerequisites: high school algebra and plane geometry.
- 1 abL. **Introductory Physics Laboratory.** (1-1) Yr. One 2-hour laboratory period per week. Credit suspended if student fails Physics 1 ab.
- 51 abL. **General Physics.** (5-5) Yr. A technical presentation of the elements of mechanics, properties of matter, heat, electricity, magnetism, sound, and light. Prerequisites: Mathematics 53 and 54, or concurrent enrollment. Four lectures and one 3-hour laboratory period per week.
- 61. **Household Physics.** (3) I. For students of home economics.
- 71. **Heat and Radiation.** (3) I. The theory of heat and temperature radiation. Prerequisites: Physics 1 b or 51 b, and Mathematics 54.
- 71 L. **Heat and Radiation Laboratory.** (1) I. One 3-hour laboratory period per week. Co-requisite: Physics 71.
- 72. **Optics.** (3) II. General geometric and physical optics. Prerequisite: Physics 1 b or 51 b.
- 72 L. **Optics Laboratory.** (1) II. One 3-hour laboratory period per week. Co-requisite: Physics 72.

For Juniors, Seniors, and Graduates

- 105 L. **Laboratory Technique.** (2-4) I, II. Prerequisite: Physics 1 b or 51 b.
- 111 ab. **Electricity and Magnetism.** (3-3) Yr. I—General theory of electrostatics, magnetostatics, direct current phenomena, and electromagnetic induction; II—theory of alternating current circuits, electromagnetic transients and electronics. Prerequisites: Physics 1 b or 51 b, and Mathematics 54. Course 111 a is prerequisite to 111 b.
- 111 abL. **Electricity and Magnetism Laboratory.** (1-2 each semester) Yr. One or two 3-hour laboratory periods per week. Co-requisite: Physics 111 ab.
- 116. **Atmospheric Physics.** (3) II. Physical phenomena of the atmosphere, with emphasis on physical bases of meteorological observation, atmospheric electrical phenomena, and air movements. Prerequisites: Physics 51 a; or Physics 1 a and Mathematics 53; or Geology 53 and Mathematics 53; or equivalent technical training.
- 116 L. **Atmospheric Physics Laboratory.** (1) II. One 3-hour laboratory period per week. Co-requisite: Physics 116.
- 141. **Vector Analysis.** (3) I. The elements of the algebra and calculus of vectors with application to geometry and physical phenomena. Prerequisites: Physics 1 b or 51 b, and Mathematics 54.
- 142. **Physical Mechanics.** (3) II. A mathematical presentation of kinematics, dynamics, and statics. Prerequisites: Physics 1 b or 51 b, and Mathematics 54.

- 191 ab. **Introduction to Theoretical Physics.** (4-4) Yr. An introduction to theoretical mechanics, kinetic theory, thermodynamics, and electromagnetic theory. Prerequisites: Physics 71, 111 a, 142, and Mathematics 151 b. (Offered in 1937-1938 and alternate years.)

For Graduates Only

251. **Problems.** (2-4 each semester) I, II.
300. **Thesis.** I, II.

DEPARTMENT OF PSYCHOLOGY

Professor Haught (Head); Associate Professor Peterson; Assistant Professor DuBois; Graduate Fellow Fracarol.

Group Requirements

Psychology 1 abL, 51 L, and 121 abL are accepted toward fulfilling the requirements in Group IV. In the College of Arts and Sciences, courses 31 and 32 will be accepted toward fulfilling requirements in Group III.

Major Study.

College of Arts and Sciences.—Twenty-four hours in courses numbered above 50.

College of Education.—Twenty-seven hours in courses numbered above 50.

Clinical Psychology (either college).—Twenty-four hours in courses numbered above 50.

Minor Study

College of Arts and Sciences.—Twelve hours in courses numbered above 50.

College of Education.—Fifteen hours in courses numbered above 50.

Primarily for Freshmen

- *1 abL. **General Psychology.** (3-3) Yr. Two lectures and one 2-hour laboratory period per week. Credit not allowed for 1 aL until 1 bL is completed. Course 1 aL is prerequisite to 1 bL.
*31. **Mental Hygiene.** (3) I. Factors in mental health, and the influences tending toward the abnormal.
*32. **Psychology of Personality.** (3) II. The development and nature of human personality and character.

Primarily for Sophomores

- *51 L. **General Psychology.** (3) I, II. An introductory course. Not open to those who have credit for Psychology 1 abL.
*52. **Fields of Psychology.** (3) Systematic schools of psychology, and other topics. Prerequisite: Psychology 1 abL or 51 L.
*54. **Educational Psychology.** (3) II. Introductory course. Limited to sophomores. Prerequisite: Psychology 1 abL or 51 L.
*56. **Applied Psychology.** (3) Applications of psychology to business and the professions. Prerequisite: Psychology 1 abL or 51 L.

For Juniors, Seniors, and Graduates

- 101. **Social Psychology.** (3) The behavior of individuals as influenced by other human beings. Prerequisite: Psychology 1 abL or 51 L.
- 103. **Abnormal Psychology.** (3). Prerequisite: Psychology 1 abL or 51 L.
- 121 abL. **Experimental Psychology.** (3-3) Yr. Sensory and motor processes; learning and the higher mental processes. Prerequisite: Psychology 1 abL or 51 L.
- 181. **Educational Tests and Statistics.** (3) I. Prerequisite: Psychology 1 abL or 51 L.
- 183. **Educational Psychology.** (3) I, II. Advanced course. Prerequisite: Psychology 1 abL or 51 L.
- 185. **Mental Measurements.** (3) II. Prerequisite: Psychology 1 abL or 51 L.
- 187. **Child Psychology.** (3) I. The principles of human behavior in infancy, childhood, and adolescence. Prerequisite: Psychology 1 abL or 51 L.
- 188. **Classroom Tests.** (2) Construction, evaluation, and uses of objective tests.
- 190 L. **Clinical Psychology.** (3) II. Clinical practice in the administration of psychological tests; round table discussions of problem cases. Prerequisite: Psychology 1 abL or 51 L, and 185. Seniors or graduates may take 185 at the same time as 190 L.
- 193. **Animal Psychology.** (3) I. A comparative study of heredity, maturation, learning, and the higher mental processes as revealed in various animals. Prerequisite: Psychology 1 abL or 51 L.
- 193 L. **Animal Psychology Laboratory.** (2) I.
- 196. **Physiological Psychology.** (3) II. Correlation of behavior and structure, with emphasis on the nervous system. Prerequisite: Psychology 1 abL or 51 L, and 193.
- 196 L. **Physiological Psychology Laboratory.** (2) II.
- 198. **History of Psychology.** (3) II. Prerequisite: Psychology 1 abL or 51 L.

For Graduates Only

- 251. **Problems.** (2) I, II.
- 300. **Thesis.** I, II.

DEPARTMENT OF SOCIOLOGY

Associate Professor Walter (Head); Part-time Assistant Professor Krohn.

Group Requirements

Courses in Sociology are accepted toward fulfilling the requirements of Group III.

Major Study

Thirty hours, including Sociology 1, 2, and 101.

Minor Study

Eighteen hours, including Sociology 1 and 2.

Primarily for Freshmen and Sophomores

- *1. **Elementary Sociology.** (3) I, II. The viewpoint and concepts of sociology.
- *2. **Social Problems.** (3) II. Poverty, family disintegration, occupational maladjustment, crime and delinquency.
- 51. **The Family.** (3) I. History, development, and problems of the family.
- 52. **Institutions.** (3) II. Institutional development in social systems.
- 71. **Social Control.** (3) I. Custom, law, education, propaganda, public opinion, ethics, and religion. Prerequisites: Sociology 1 and 2.
- 72. **Social Pathology.** (3) II. Functional failures of our social system. Prerequisites: Sociology 1 and 2.

For Juniors and Seniors

- 101. **Social Psychology.** (3) I. (Same as Psychology 101.)
- 104. **Human Nature.** (3) II. Uniformities of behavior patterns in group life.
- 109. **Criminology.** (3) I.
- 112. **Social Change.** (3) II. Adjustment problems of individuals and groups in transition periods.
- 163. **Early Social Thought.** (3) I. From Plato to the beginnings of American sociology.
- 164. **Recent Social Trends.** (3) II. Theoretical and applied sociology in America.
- 195. **Population Problems.** (3) I. Prerequisites: Sociology 1 and 2.
- 196. **Migration and Race Problems.** (3) II. Prerequisites: Sociology 1 and 2.
- 197. **Personality and Social Adjustment.** (3) I. Development of personality through social experience. Leadership, sociability, social inadequacy in individuals. Prerequisites: Sociology 163 and 164.
- 198. **Theories of Personality Disorganization.** (3) II. Parallel between social organization and personality organization of individuals. The effects of social disorganization upon members of the group. Prerequisite: Sociology 197.

SUMMER SESSION

The 1937 Summer Session opens June 8 and closes July 31.

The Summer Session differs from the semesters of the regular school year in that the session is only eight weeks or the equivalent of one-half of a semester. It also differs in that the courses of the various departments of the University may be contracted or expanded or specialized to meet the needs of a particular constituency.

The emphasis of the Summer Session is placed on advanced and graduate work. An enlarged program is offered for teachers, school administrators, and supervisors, as it enables them to spend their summer in study at an institution located in a climate suited for work and recreation.

During the Summer Session the University offers undergraduate and graduate courses leading to the degrees of Bachelor of Arts and Bachelor of Science in the College of Arts and Sciences; to the degrees of Bachelor of Arts in Education, Bachelor of Science in Education, and Bachelor of Science in Physical Education, in the College of Education; to the degree of Bachelor of Fine Arts in Music, in the College of Fine Arts; and to the degrees of Master of Arts, and Master of Science, in the Graduate School.

The residential halls are open to Summer Session students at extremely low rates.

A bulletin of the Summer Session, which is sent free upon request, contains information regarding instructors, tuition, fees, board and lodging on the campus, courses, credit required for degrees, etc. All requests for bulletins or for other information should be addressed to the Registrar.

AWARDS AND SCHOLARSHIPS

The C. T. French Medal—Willis Jacobs. Honorable mention, Ann De Huff

The Katherine Mather Simms Prize—Willis Jacobs

The George E. Breece Prize—Kenneth Bullington

The Ives Memorial Scholarships—Deluvina Baca, Lydia Costales, Betty Shannon

The Marian Coons Kindness Award—Mrs. Ethel Herby Buer

The Chi Omega Prize—Mary Madonna Stein

The Alfred Grunsfeld Memorial Scholarships—Ralph Hall, William Truswell

The Miriam N. Grunsfeld Scholarships—Adah Shelton, Mrs. Anne Berg

The Philo S. Bennett Prize—Harriet Ann Fisher

The Harry L. Dougherty Memorial Prize—Louis York

The Sigma Tau Medal—Stephen Reynolds

The Oren W. Strong Award—Denis Stallings

The Charles Florus Coan Award—Jay Gentry

The Rose Rudin Roosa Memorial Award—Harriet Ann Fisher

The New Mexico Section of the American Society of Civil Engineers Award—Fickas Fifield

The C. M. T. C. Scholarship—Claude Reece

The Indian Scholarship—Bert Williams

The Phi Kappa Phi Freshman Prizes—Sammie Bratton, Nathan Krisberg

The American Association of University Women Award—Eupha Buck, Katherine Milner

The School of American Research Awards—Bertha P. Dutton, Edwin N. Ferdon, Jr., Dorothy L. Luhrs

The Altrusa Club Music Prize—Elizabeth Griswold

The Class of 1936 Prize—James Russell

Freshman Scholarships for 1936-1937—Myles Black, Roland Blankley, Jeannette Buckner, Raymond Coffey, Helen Comstock, Robert Conwell, William Cornelius, Katherine De Temple, Ruth Farmer, Reynolds Johnson, Suzanne Hanson, Miguel Lopez, William Merritt, Betty Jane Mitchell, Kenneth Reid, Rex Ross, Richard Ryan, Frank Sandoval, Pauline Simpson, Helen Soladay, Lois Weeks, Paul Wright

DEGREES CONFERRED
June Eighth, Nineteen Hundred Thirty-Six

COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts

	Major	Minor
*William Wilder Atkinson	Government and Citizenship	Economics and Business Administration
John M. Barber	Economics and Business Administration	Government and Citizenship
Charles H. Boyd	Government and Citizenship	Geology
Martha Dee Brownfield	English	Biology
Alfred H. Bulkley	Government and Citizenship	Spanish
William R. DeHart, Jr.	Art	English
*Ann Wilson DeHuff	Biology	Music
Anthony Joseph Demijan	Government and Citizenship	English
William Earl Dennard	Biology	Economics and Business Administration
Robert Owen Erwin	Economics and Business Administration	English
Thelbert L. Exter	Art	History
Orell Harris Gambrell	Economics and Business Administration, Govern- ment and Citizenship	
Eustaquio Garcia	Spanish	Biology
Jay G. Gentry	History, Government and Citizenship	English
Nan Ashton Glenn	Anthropology	Spanish
Joseph Orvel Harlan	Government and Citizenship	English
Alton Lewis Hicks	History	Economics
Donald E. Huston	Economics and Business Administration, Mathe- matics	
*Willis Jacobs	English	Psychology
Shirley James	Anthropology	Spanish
†Avis D. Johnson	Chemistry, Biology	
*John J. Kennedy	Spanish, Government and Citizenship	French
Lincoln Curtis Koch	Mathematics	Physics
Edward LeMoncheck	Biology	Chemistry
Norman P. Lincoln	Biology	Chemistry
Charles H. McGinley	English	Anthropology
C. E. McGinnis, Jr.	Government and Citizenship	Spanish
Wendell Luther Miller	Economics and Business Administration	Mathematics
Maryruth Mitchell	Economics and Business Administration	English
Harry Oliver Morris	History, Government and Citizenship	English
Lowell Everett Orrison	Economics and Business Administration	Government and Citizenship
Ezekiel Ruiz Parra	Spanish	History
R. Archie Perkins	Economics and Business Administration	Government and Citizenship
Jane Elizabeth Peter	Art	English
Clay Pooler	Government and Citizenship, Economics and Business Administration	
Manford W. Rainwater	Government and Citizenship	History
Frank Tull Rice	English	Psychology
Joseph E. Roehl	Government and Citizenship	Spanish, Psychology
Porfirio Romero	History	Biology, Spanish
Eve-Jyn Willson Ross	English	Geology, Psychology
George English Sadler	Economics and Business Administration	Music
Benedicto D. Sandoval, Jr.	Spanish	History
L. George Schubert	Government and Citizenship	English

*"With Distinction."

†Senior Research Honors.

	Major	Minor
Randolph Victor Seligman	Biology	Chemistry
Jane Sorenson	Art	History
Robert Lewis Thompson	Government and Citizenship	Music
Henry S. Whitfield	Anthropology	Geology
Mary Gleason Wiggins	Biology	English
Elizabeth A. Zimmerman	Government and Citizenship	English

Bachelor of Science

Dean H. Craft	Biology	Music
Edward M. Digneo	Biology	Psychology, Spanish
Coy Stallings Ham	Chemistry	Biology, Mathematics
Joseph McFall Henry	Chemistry, Biology	
David A. Lawson, Jr.	Physics	Mathematics
Allen M. Markham, Jr.	Chemistry	Biology
Lazarus Tary Medveson	Physics, Mathematics	
Rebecca Jane Menaul	Biology	English
Samuel L. Shacklette	Biology	German
George Carroll Taylor, Jr.	Geology	Chemistry
James L. Teare	Biology	Chemistry
Milburn K. Tharp	Chemistry	German, Biology
James Leon Thompson	Biology	Anthropology
†Julius M. Turkel	Geology	Spanish

COLLEGE OF ENGINEERING

Bachelor of Science in Civil Engineering

Leonard T. Crook	Myron Fickas Fifield	Charles Le Feber, Jr.
Byron Benjamin David	Fred M. Goldsworthy	John D. McCoy
Emmett Parnell Dillon	Cleves H. Howell	George Moriarty Stewart

Bachelor of Science in Electrical Engineering

*Robert Kenneth Bullington

Bachelor of Science in Mechanical Engineering

James Maple Brady	Austin Corman Frank	Robert Howard Gleasner
Raymond E. Brewer	Roscoe Frederick	Harry William Wortmann
Dexter W. Cobb	James N. Gladding, Jr.	

COLLEGE OF EDUCATION

Bachelor of Arts in Education

	Major	Minor	Curriculum
Sister M. Theophane Benkert	History	English	High School
Evelyn Marie Bigelow	History	English	High School
Eupha Alice Buck	Mathematics	Spanish	High School
Lena Marie C. de Baca	Spanish	French	High School
Ruben Dario Cobos	Spanish, English	French	High School
Robby Lynn Cochran	History	Psychology	High School
Beatrice Arline Cottrell	History	English	Elementary
Raymond W. Cox	History	Physical Education	High School
		—Formal	
Lorena-May L. Daffern	Art	English	High School
Sister M. Mercedes Dargis	French	History	High School
*Clyde Medforth Denton	Spanish	French, English	High School
Sister Leo Marie Des Jardins	French	English	High School
Marjorie Frances Ellis	English	Anthropology	Elementary
Marianne Faris	English	Anthropology	Elementary
Frances Virginia Felter	English	Spanish	Elementary

†Senior Research Honors.

*"With Distinction."

	Major	Minor	Curriculum
Frances Lee Ferree	History	Spanish	Elementary
Louis A. Giannini	Government and Citizenship	English	High School
Amalia Katherine Goetz	Mathematics	German	High School
Elizabeth A. Griswold	Public School Music	Organ and Voice	Public School Music
Eleanor Hunter Jones	English	Geology	Elementary
Laura Lucille Kelly	Spanish	French	High School
Virginia Langham	English	Spanish	High School
Louis Henry Lash	Spanish	French	High School
Clara A. Lingo	English, Psychology		Elementary
*Sister Agnes Therese Lynch, O. P.	Spanish	English	High School
Margaret E. McCormick	English	Anthropology	Elementary
Mary Magdalene McGinn	History	English	High School
Lucile Dodson Martin	History	Home Economics	High School
Mary Elizabeth Menaul	History	Spanish, English	Elementary
Wilhelmina M. Mierop	English, History		High School
*Clytie Ogden	Art	English	Elementary
Ethel Maude Parker	English	Education	Elementary
Thelma Mae Pearson	Public School Music	Pipe Organ, French	Public School Music
Ruth Raynolds	English	History	Elementary
Bernice Ann Rebord	History	English	High School
Clara Romero	Economics and Business Adm.	Spanish	Elementary, High School
Jeanne Foster Scott	English	Spanish	High School
Bennett Allan Shacklette	Public School Music	English	Public School Music
Mary Madonna Stein	Economics and Business Admin.	Anthropology	High School
Darrell H. Wesch	English	Public School Music	High School
Ruth Hildegard Witzel	History	German	High School

Bachelor of Science in Education

Miquela Apodaca	Administration and Supervision	Spanish	
Athlene Benton	Biology	English	High School
Portz Bretney	Biology, Physical Education		Physical Education
Ruth Marian Brock	Biology	English	Elementary
Ethel Herby Buer	Home Economics		Home Economics
William Castetter	Biology	Spanish	High School
Ella Miller Cayou	Home Economics	English	Home Economics
Catherine May Chiles	Biology	Home Economics	High School
Edward Clifton Duncan	Biology	Physical Education- Athletic Coaching	High School
Teresina B. Fullerton	Administration and Supervision	English	
John Francis Geders	Biology	Spanish, Psychology	Elementary
Helen Margaret Goforth	Home Economics	Biology	Home Economics
Mary Lou Gresham	Administration and Supervision	Psychology	
Agnes J. Harrington	Home Economics		Home Economics
H. Wayne Hornbaker	Biology	Art	High School
Harold V. Hunter	Biology	Economics and Busi- ness Admin.	High School
Dorothy Lipp	Biology	English	High School
Viola Mabel McDonald	Education	English	Elementary
Bertha Lee Marshall	Education	Home Economics	Elementary
Dorothy Fay Neel	Mathematics	English	High School
R. H. Pearce	Chemistry	Biology	High School
Alice Davis Reed	Home Economics		Home Economics
Lulu Krick Retick	General Education	Biology	Elementary

*"With Distinction."

DEGREES CONFERRED

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	Major	Minor	Curriculum
Elizabeth L. Smith	Biology	Geology	Elementary
Ernest S. Stapleton	Administration and Supervision	Government and Citizenship	
Edith Loeb Stephens	Education	English	Elementary
Lorena Lawrence Wells	Educational Supervision	Art	
Sister Mary Seraphine Wendling, O. P.	Education	English, German	Elementary
James W. Wiseheart	Administration and Supervision	History	

Bachelor of Science in Physical Education

	Major	Minor
William D. Brannin	Physical Education	Biology
Frank Byers, Jr.	Physical Education	Biology
Warren Whitney Deakins	Physical Education	Economics and Business Administration
Herbert C. Dickinson	Physical Education	Biology
John P. Dolzadelli	Physical Education	Biology
Marie Elizabeth Jensen	Physical Education	Biology
Soila Sanchez	Physical Education	Biology
R. Nelson Tydings	Physical Education	Mathematics

GRADUATE SCHOOL

Master of Arts

	Major
Fred Barela	Economics
Charles B. Barker, Jr.	Mathematics
James M. Bickley	Educational Administration
Genevieve Wiley Carter	Clinical Psychology
Mary Madge Childre	Mathematics
Vera Cutler	Elementary Supervision
Murtel Dancer	English
Leota Williams Elliott	Spanish
Helen Heacock Ellis	Government and Citizenship
Mildred T. Paris	English
Edwin G. Hobbs	Educational Administration
John A. Huff	Educational Administration
Beryl Lovejoy Hurd	Spanish Literature
Moneta Gunilla Johnson	Mathematics
Elsie Therma Litchfield	Educational Administration
Gertrude Margaret McGowan	English
J. Cloyd Miller	Educational Administration
Frances Agnes Nelligan	English Literature
Donovan Cowgill Senter	Physical Anthropology
Ivah Mead Shallenberger	Spanish Literature
Maywood Harris Sharp	English
Katherine Shepard	History
James B. Swayne	Government and Citizenship
Reb Leroy Villard	Education
Gertrude Warner	English Literature
Elizabeth C. Westerfield	Elementary Education
Ruth Taylor Westfall	Spanish

Master of Science

	Major
H. Garth Blakely	Biology
Bright Elsworth Greiner	Biology
Frank Cummings Hibben	Biology
Charles Lee McGuinness	Geology
Marvin D. Rohovec	Biology
Marjorie Van Cleave	Biology

HONORARY DEGREE

Doctor of Laws

Robert MacDonald Lester

GENERAL COLLEGE DIPLOMA (Two-Year Course)

Dorothy Hall	Donald Seward
Joseph Huber	William Sharp
Charles B. Jones	David Shaw
Katherine Ruley	Daniel Sulier

CLASSIFICATION OF STUDENTS

Classification of students in the various colleges is based upon the following standards of credit hours:

Class	College of Arts and Sciences	College of Education	College of Engineering	College of Fine Arts	General College
Freshman	0- 28	0- 28	0- 32	0- 32	0- 28
Sophomore	29- 60	29- 60	33- 65	33- 65	29- 64
Junior	61- 94	61- 94	66-102	66-102	
Senior	95-	95-	103-	103-	

Special students are adult students who have not fulfilled the admission requirements.

Unclassified students are students who are on leave of absence from other institutions or whose status in the University has not been determined because their transferred credits have not been validated by satisfactory work in residence.

The Extension Division includes students enrolled for correspondence work and for non-resident classes.

A. FIRST SEMESTER, 1936-1937

College	A & S			Engr.		Educ.			Gen.			Fine Arts			Grad.			Totals		
Class	Men	Women	Total	Men	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Fr.	137	81	218	74	74	29	83	112	106	49	155	5	15	20				351	228	579
Soph.	87	51	138	37	37	29	73	102	18	11	29	2	7	9				173	142	315
Jr.	79	27	106	23	23	29	60	89	3	0	3							134	87	221
Sr.	40	16	56	13	13	20	46	66										73	62	135
Spec.	3	4	7	3	3	2	16	18	7	3	10							15	23	38
Uncl.	6	3	9	4	4	4	11	15	1	1	2	3	0	3				18	15	33
Grad.															36	56	92	36	56	92
Totals	352	182	534	154	154	113	289	402	135	64	199	10	22	32	36	56	92	800	613	1413

B. SECOND SEMESTER, 1936-1937

College	A & S			Engr.		Educ.			Gen.			Fine Arts			Grad.			Totals		
Class	Men	Women	Total	Men	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Fr.	90	68	158	41	41	21	68	89	82	35	117	5	12	17				239	183	422
Soph.	97	43	140	28	28	29	71	100	41	17	58	2	11	13				197	142	339
Jr.	73	23	96	25	25	31	60	91	2	1	3	1	1	2				132	85	217
Sr.	52	28	80	17	17	23	53	76	1	0	1	0	1	1				93	82	175
Spec.	3	5	8	3	3	1	7	8	6	8	14	0	1	1				13	21	34
Uncl.	6	1	7	1	1	1	4	5	1	0	1	2	0	2				11	5	16
Grad.															53	54	107	53	54	107
Totals	321	168	489	115	115	106	263	369	133	61	194	10	26	36	53	54	107	738	572	1310

C. FIRST AND SECOND SEMESTERS, 1936-1937

The following is a combination of tables A and B, excluding student, class, and college duplicates.

Class duplicates are students enrolled in two different classes during the year.

College duplicates are students enrolled in two different colleges during the year.

College	A & S			Engr.		Educ.			Gen.			Fine Arts			Grad.			Totals			College Duplicates			Totals Less Duplicates		
Class	Men	Women	Total	Men	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Fr.	151	91	242	82	82	37	92	129	142	59	201	7	19	26				419	261	680	45	15	60	374	246	620
Soph.	130	63	193	48	48	42	93	135	49	23	72	2	13	15				271	192	463	25	10	35	246	182	428
Jr.	104	38	142	31	31	47	81	128	5	1	6	1	1	2				188	121	309	8	3	11	180	118	298
Sr.	62	35	97	17	17	29	64	93	1	0	1	0	1	1				109	100	209	3	4	7	106	96	202
Spec.	4	6	10	3	3	2	18	20	9	8	17	1	1	2				19	33	52	1	1	2	18	32	50
Uncl.	11	3	14	4	4	5	14	19	2	1	3	3	0	3				25	18	43	1	1	2	24	17	41
Grad.															65	80	145	65	80	145	3*	1*	4*	62	79	141
Totals	462	236	698	185	185	162	362	524	208	92	300	14	35	49	65	80	145	1096	805	1901	86	35	121	1010	770	1780
Class Duplicates	84	35	119	23	23	35	45	80	30	10	40	2	5	7	3*	1*	4*	177	96	273	54	21	75	123	75	198
Totals Less Duplicates	378	201	579	162	162	127	317	444	178	82	260	12	30	42	62	79	141	917	709	1628	32	14	46	887	695	1582

*Students who completed undergraduate requirements at the end of the first semester; also counted in undergraduate colleges.

	Men	Women	Totals
First Semester	800	613	1413
Second Semester	738	572	1310
Total	1538	1185	2723
Less Students Registered Both Semesters	651	490	1141
Total Different Persons	887	695	1582

D. SUMMER SESSIONS

	Undergraduate			Graduate			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
1936 Summer Session	187	405	592	108	109	217	295	514	809
1936 Archaeology Field Sessions:									
Anthropology Field Session									
in Central and Southern									
Mexico	0	0	0	0	5	5	0	5	5
Chaco Canyon Research	2	1	3	2	0	2	4	1	5
Field Trip to Chihuahua	8	4	12	0	2	2	8	6	14
General Field Session,									
Chaco Canyon	9	21	30	3	14	17	12	35	47
Total	19	26	45	5	21	26	24	47	71
1936 Art Schools:									
Indian Art, Santa Fe	0	9	9	1	9	10	1	18	19
Taos Art School	3	14	17	1	2	3	4	16	20
Total	3	23	26	2	11	13	5	34	39
1936 Spanish Field Session:									
Spanish Field Session in									
Mexico	0	2	2	0	1	1	0	3	3
Total in Field Sessions	22	51	73	7	33	40	29	84	113

SUMMARY OF STATISTICS

	Men	Women	Totals
First and Second Semesters, 1936-1937	887	695	1582
1936 Summer Session	295	514	809
1936 Archaeology Field Sessions	24	47	71
1936 Art Schools	5	34	39
1936 Spanish Field Session	0	3	3
Extension Division:			
(March 1, 1936-March 1, 1937)			
Correspondence Courses	58	157	215
Non-resident Classes	52	70	122
Totals	1321	1520	2841
Less duplicates	158	213	371
Total Different Persons Registered	1163	1307	2470

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

New Mexico Counties	1936-1937			1936 Summer Session		
	Men	Women	Total	Men	Women	Total
Bernalillo	468	396	864	119	208	327
Catron	1	1	2	3	1	4
Chaves	14	15	29	5	11	16
Colfax	28	17	45	9	13	22
Curry	9	4	13	13	9	22
De Baca	4	4	8	1	3	4
Dona Ana	6	3	9	3	6	9
Eddy	13	7	20	2	17	19
Grant	6	4	10	7	6	13
Guadalupe	1	2	3	0	3	3
Harding	6	3	9	2	3	5
Hidalgo	2	3	5	0	3	3
Lea	6	7	13	3	9	12
Lincoln	2	10	12	5	5	10
Luna	2	1	3	2	2	4
McKinley	15	13	28	5	19	24
Mora	5	1	6	0	2	2
Otero	6	10	16	0	6	6
Quay	12	5	17	6	5	11
Rio Arriba	6	3	9	7	7	14
Roosevelt	5	1	6	5	2	7
Sandoval	10	4	14	5	12	17
San Juan	10	2	12	3	16	19
San Miguel	16	7	23	2	1	3
Santa Fe	24	38	62	5	15	20
Sierra	5	1	6	3	5	8
Socorro	7	12	19	27	33	60
Taos	15	6	21	6	2	8
Torrance	10	13	23	14	22	36
Union	9	8	17	2	7	9
Valencia	11	18	29	16	23	39
Total from N. M. Counties	734	619	1353	280	476	756

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Other States	1936-1937			1936 Summer Session		
	Men	Women	Total	Men	Women	Total
Arizona	4	0	4	6	3	9
Arkansas	1	0	1	0	0	0
California	19	5	24	0	1	1
Colorado	9	6	15	0	3	3
Connecticut	2	0	2	0	0	0
Florida	3	1	4	0	0	0
Georgia	0	1	1	0	0	0
Idaho	1	2	3	0	0	0
Illinois	21	12	33	1	2	3
Indiana	7	3	10	2	1	3
Iowa	1	1	2	1	1	2
Kansas	9	4	13	1	5	6
Louisiana	1	1	2	0	0	0
Maryland	2	0	2	0	0	0
Massachusetts	2	0	2	0	0	0
Michigan	2	2	4	0	1	1
Minnesota	0	1	1	0	0	0
Missouri	6	4	10	1	1	2
Montana	1	2	3	0	1	1
Nebraska	1	0	1	0	0	0
New Jersey	4	1	5	0	0	0
New York	17	3	20	0	0	0
Ohio	6	1	7	0	0	0
Oklahoma	4	4	8	1	7	8
Oregon	0	0	0	0	1	1
Pennsylvania	9	0	9	0	1	1
Rhode Island	2	0	2	0	0	0
South Dakota	0	1	1	0	1	1
Tennessee	0	2	2	0	1	1
Texas	11	14	25	1	7	8
Utah	2	0	2	0	0	0
Virginia	0	0	0	0	1	1
West Virginia	2	0	2	0	0	0
Wisconsin	4	2	6	1	0	1
Wyoming	0	1	1	0	0	0
Totals from Other States	153	74	227	15	38	53
Foreign Countries	Men	Women	Total	Men	Women	Total
Canada	0	1	1	0	0	0
Hawaii	0	1	1	0	0	0
Totals from Foreign Countries	0	2	2	0	0	0
TOTALS	887	695	1582	295	514	809

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